Universal Enclosures and Thermal Management



CANADA Catalog 2025

PanelSeT, ClimaSys

More than 60 years contributing
to equipment protection

se.com/enclosures

Life Is On | Schneider Electric


Life Is On

Introduction

What's New? 4
Offer Overview and Selection Table 6
Industry and Infrastructure Offer 8
Selection and Configuration Online Tools 10
Software and Tools 11

1 PanelSeT Steel Enclosures 12
Steel Industrial Boxes 14
Steel Wall-Mounted Enclosures 26
Steel Floor-Standing Enclosures 60

2 PanelSeT Stainless-Steel Enclosures 82
Stainless-Steel Enclosures Introduction 84
Stainless-Steel Industrial Boxes 86
Stainless-Steel Wall-Mounted Enclosures 96
Stainless-Steel Floor-Standing Enclosures 106

3 PanelSeT Insulated Enclosures 118
Insulated Boxes 120
Insulated Wall-Mounted Enclosures 142
Insulated Floor-Standing Enclosures 154

4 Specific Applications Enclosures 164

5 ClimaSys Thermal Management System 286

6 Accessories 342

7 Spare Parts 464

8 Useful Technical Information 478

9 Index of References 492

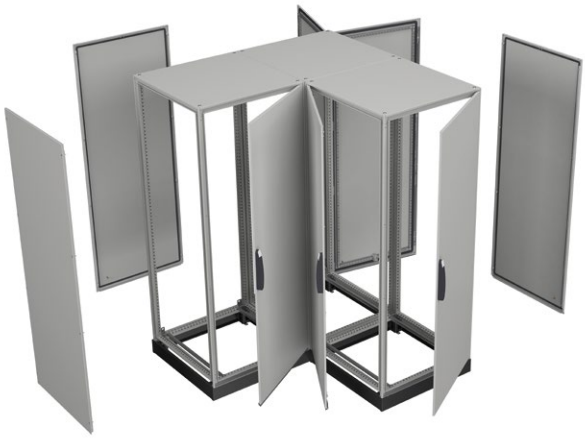
Make sustainable
IMPACT
with PanelSeT enclosures



New name, added value:
Spacial and Thalassa are becoming PanelSeT

Unveiling a unified brand identity for all Schneider Electric steel, stainless steel and insulating universal enclosures.

PanelSeT SFN



The first low carbon emission steel enclosure:

- **Reduced carbon footprint:** manufactured with a minimum of 50% of steel produced from renewable energy and recycled materials (1), leading to a 34% $C0_2$ reduction on the total enclosure lifecycle (2).
- **Increased robustness:** new patented frame and corner system design withstanding up to 1.5 tonnes of static load.
- **Unparalleled flexibility** in panel-building operations, stock and flow management Available in kit, assembled or customized.
- **Easy retrofit and improved operational efficiency:** with new functionalities reducing time throughout the entire process.

Leverage PanelSeT SFN's benefits for standard industrial applications, electrical distribution or demanding settings such severe outdoors, seismic, nuclear or IT.

Up to 34%
CO_2 savings versus the previous version

(1) More info on Arcelor Mittal website (XCarb® recycled and renewably produced).

(2) According to the comparison of PanelSeT SFN PEP (ENVPEP2301018) and Spacial SF PEP (ENVPEP110923) using the same calculation methodology provided in the Product Category Rules of PEP Ecopassport association (PCRed4).

PanelSeT SFN PEP

Spacial SF PEP

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

ClimaSys Connected Cooling Units

Designed to give industrial manufacturers peace of mind

- **Natively connected product** with easy communication for remote access to operating status and setting data.
- **New product design and packaging**, using an average of 80% recycled cardboard and no single-use plastics.
- **Customizable and easy-to-mount solution**, with small and light ranges to save space.
- **Efficient selection process** thanks to ProClima thermal configuration software, now fully integrated into SEE Electrical Expert.



EcoStruxure Ready

PanelSeT SFN and ClimaSys CU

> Watch the video

PanelSeT TBS Industrial Boxes

> Available from Sept.2024



Moving towards recycled materials

- **Now manufactured with 45% of post-industrial recycled ABS** content*.
- **No compromise on protection:** keeping the same mechanical characteristics, visual aspect and water/dust sealing to help protect your equipments.

Smart box design:

- **3 methods to fix the box** to its support.
- **Reinforced edges** of the cover to help ensure its robustness and suitable support during customization operations.
- **38 options available** including multiple dimensions with transparent, plain, low and high covers.
- **IEC 62208 certified** by TÜV**.

* For more information, refer to the PanelSeT TBS PEP (ENVPEP2012015EN).
** **TBS is not CSA or UL certified.**

Made from **45%** of **post-industrial recycled ABS** content*

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Offer Overview and Selection Table

PanelSeT Enclosures - **Standard Applications**

Previously Spacial and Thalassa ranges

	Floor-standing	Wall-mounted	Box
Steel **Indoor industrial environments**	 **SFN** - Low-carbon Emission Steel Modular  **SM** - Monobloc	 **S3DC** - Enclosure for NAM  **CRN**	 **SDB** - Junction Box  **SBM** - Industrial Box
Stainless-Steel **Hygiene and corrosion-resistance**	 **SFX** - Modular  **SMX** - Monobloc	 **S3X** - Wall-Mounted	 **SBX** - Box
Insulating Material **Outdoor infrastructure and industry**	 **PLA** - GRP	 **PLM** - GRP	 **PLS** GRP  **TBS** Recycled ABS  **TBP** Polycarbonate

PanelSeT Enclosures - **Specific Applications**

Previously Spacial and Thalassa ranges

	Floor-standing	Wall-mounted
Human Machine Interface	 **SFN PC** - Suitable Control PC Rack  **SD** - Control Desk	 **S3CM** - Control Enclosure with Suspension System
Network and Server	 **SFN IT** - Procured in Kit	 **Wall-mounted Racks**
Severe Outdoor	 **PHD** - GRP  **SFN HD**	 **S3HD**
Seismic Environments	 **SFN 3G/6G**	 **S3D 6G**
Explosive Atmosphere		 **S3DEX**
Electro Magnetic Compatibility	 **SFN HF**	 **S3HF**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Offer Overview and Selection Table

ClimaSys - **Thermal Management**

Cooling


Natural Airing


Forced Ventilation

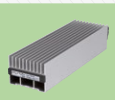

Air-to-Water Exchangers

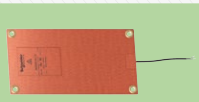

Air-to-Air Exchangers


Cooling Units

Heating


Resistance Heaters


Aluminum PTC Heater


Ultra Thin Resistance Heater

Controlling


Smart Thermal Controllers


Thermal Controllers

ProClima Web
Designing the suitable thermal solution for your control panels.
Fully integrated into SEE Electrical from ETAP



Accessories and Spare parts

Installation
Enclosures composition and installation


Canopy and Roofs


Panels - Side, Partition, Coupling


Floor Accessories


Fixing Accessories


Lifting

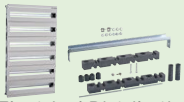
Cable Management
Outside and inside the enclosure


Cable Entries


Cable Holding

Mounting
For components assembly


Assembly - Mounting Plates, Cross Rails, Uprights, Chassis…


Electrical Distribution
Modular Chassis Busbar…


Door - Door Switch, Internal Doors Hinge and Closing...


Maintenance
Lighting

Spare Part


Cable Gland Plate


Doors - Doors + Accessories


Fixing Devices


Roof Accessories

Online Product Selector
Find accessories that suit your enclosure



Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

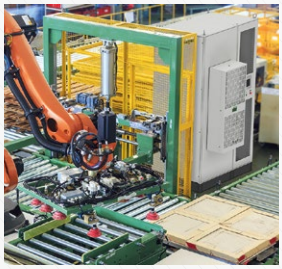
Industry and Infrastructure Offer

Material Matters: Choosing the Right Enclosure for Your Needs

We offer a comprehensive range of enclosures designed to meet diverse industrial and commercial needs. Our enclosures are available in three primary materials - steel, stainless steel, and plastic - each offering unique benefits tailored to specific environments and applications.

Steel

Robust Protection and Durability for Industrial Environments



Steel provides high resistance to mechanical stress and corrosion, making it well-suited for use in demanding mechanical plants, particularly for safeguarding electric and electronic components from dust, oil splashes, and impacts.
Thanks to their robustness, durability and ability to protect sensitive equipment from harsh environmental conditions, steel enclosures are commonly used in:

- Manufacturing and Industrial Facilities,
- Power Generation and Distribution,
- Oil and Gas Industry,
- Transportation and Infrastructure.

Delving into Low-Carbon Steel: we are making a gradual shift towards utilizing low-carbon steel for our enclosures, following the pioneering example of the PanelSeT SFN cabinet. Crafted from 50% recycled steel in an electric arc furnace powered with 100% renewable electricity, this initiative has significantly reduced the carbon footprint by up to 34% compared to its previous version, while retaining the robustness and durability properties.

Stainless-Steel

Hygiene and corrosion-resistance



Stainless-steel provides superior corrosion resistance, making it suitable for use in highly corrosive environments, such as marine, chemical, and food processing industries. It's also known for its hygienic properties, making it suitable for applications requiring strict cleanliness standards. Stainless-steel enclosures are particularly recommended in the following industries:

- Food and beverage
- Pharmaceuticals
- Petrochemicals
- Infrastructure

Plastic (Polycarbonate, Polyester, ABS)

Rugged Reliability for Outdoor and Harsh Environments



These insulating materials offer lightweight and cost-effective solutions for indoor and outdoor applications where non-corrosive, non-conductive, and easy-to-install enclosures are needed. It is suitable for protecting electrical installations exposed to direct sunlight, rain, saline mist, extreme temperatures, oil splashes, chemical or corrosive agents, and public contact. It's often used in industries such as:

- Power Generation and Grid including Photovoltaic applications,
- Telecommunications,
- Automotive and eMobility,
- Residential applications.

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Industry and Infrastructure Offer

Our Product Ranges

Discover our universal enclosure solutions, versatile ranges of cabinets and thermal management equipment offering robust protection for electrical and electronic equipment, ensuring safety and reliability. With a variety of sizes, materials, accessories and customization options, we offer flexible solutions for your specific applications.

Panel**SeT** Steel



From small boxes to large suitable floor-standing enclosures, PanelSeT steel ranges offer a fit for indoor clean industry or some outdoor applications, extensive options and easy-to-use accessories to help saving time.



Panel**SeT** for IT

Industrial businesses need adaptable IT solutions that evolve with their needs. A dynamic industrial environment requires versatile, future-proof systems that drive operational efficiency and innovation.

Panel**SeT** Stainless-Steel



Our stainless-steel boxes, wall-mounting or floor-standing enclosure ranges offer the optimal solution for cleanliness-sensitive or highly corrosive environments.
Available in two grades:

- 304L stainless-steel commonly used in food production settings,
- 316L stainless steel (marine-grade) for saline or chlorinated environments.

Panel**SeT** Plastic



Select the most suitable insulating material and pick customizable enclosures that will serve your business effectively:

- Polyester and polycarbonate modular boxes,
- ABS recycled-content industrial boxes,
- Fiberglass reinforced polyester enclosures to overcome outdoor installation challenges.

ClimaSys

Thermal Management



Maintaining the right temperature inside your enclosure is vital for maximizing the lifetime of your installed devices.

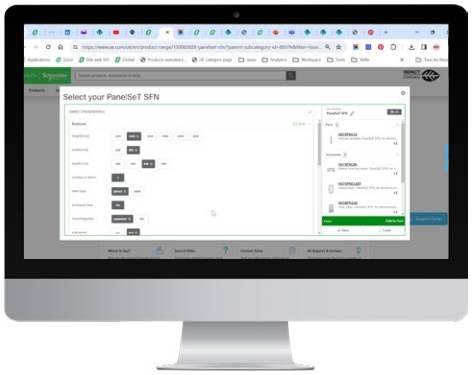
Our ClimaSys range offers you the right solution: airing, connected cooling or heating, including control units for temperature, humidity and many other parameters.

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Selection and Configuration Online Tools

Quickly select the right product, its components and accessories, or configure your enclosure solutions to suit your specific needs with our easy-to-use and free digital tools.

Product Selector



Save time by finding the exact product references of a selected range and its compatible components and accessories.

No need to log in, enjoy easy and error-free compatibility selection in just a few clicks.

>

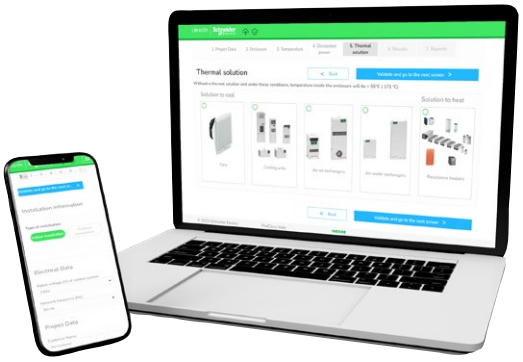
Access our full catalogue of Universal Enclosures and Thermal Management ranges directly from **www.se.com** website:

- Library of product data sheets, technical documentations, catalogs and brochures
- Product Certificates
- 2D and 3D drawings
- FAQ, technical and Commercial Support



Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

ProClima Web



Design the optimal thermal management solution for your control panels and keep up the health of electric and electronic devices inside your enclosures.
ProClima web tool features:

- 2 advanced algorithms for indoor and outdoor calculations
- Thermal databases with >10.000 weathering outdoor stations
- Mechanical compatibility between thermal solutions and enclosure
- Enclosure drawings to preview panel design
- Fully integrated into SEE Electrical from ETAP

Discover ProClima

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Panel**SeT** Steel Enclosures

Steel Industrial Boxes





Steel Wall-Mounted Enclosures





Steel Floor-Standing Enclosures





Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Content

Steel Industrial Boxes	**14**
Steel Wall-Mounted Enclosures	**26**
Steel Floor-Standing Enclosures	**60**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Steel Industrial Boxes

PanelSeT SDB: Junction Boxes

PB503350_61



PanelSeT SBM: Industrial Boxes

PB500237_38



Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Panel**SeT** SDB: Junction Boxes

Introduction	**16**
Characteristics	**18**
Selection Table	**18**
Accessories	**18**

Panel**SeT** SBM: Industrial Boxes

Introduction	**16**
Characteristics	**19**
Selection Table	**20**
Accessories	**22**
Dimensions	**24**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Panel**SeT** SDB and SBM

Introduction





Discover our enclosures for complementary control or distribution panels, requiring protection of electrical connections against heat or shock.

- PanelSeT SDB junction boxes are designed to suit transport infrastructures such as underground parking, road and rail tunnels.
- PanelSeT SBM are simple, ergonomic and versatile industrial boxes to protect electrical equipment in small control applications.

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

PanelSeT SDB: Junction Boxes



Wide Range of Products
- Several dimensions
- Two versions: with or without knock outs



Easy Installation
- Holes heightened for internal fixation of accessories
- Maximal space inside

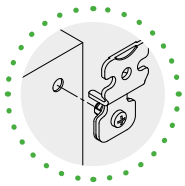


Designed for Robustness
- Simple and rounded design
- Watertightness: IP55

PanelSeT SBM: Industrial Boxes



Large Dimension Choice
- 28 sizes available



Easy Installation
- Direct mounting through the rear
- Mounting with versatile external lugs



Added Value to your Work
- Quality and aesthetics
- Mechanical protection rating up to IK10
- Ingress protection rating up to IP66
- NEMA 4X-rated, offering a high level of protection against corrosion and extreme environments

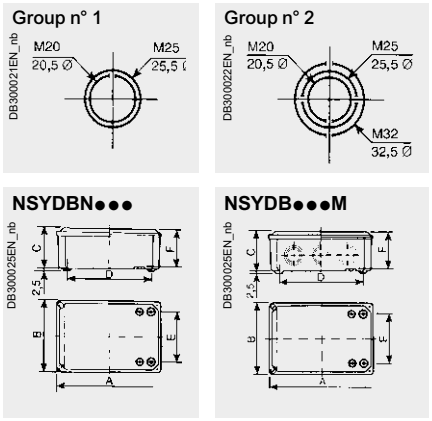
(see page 485)

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

PanelSeT SDB: Junction Boxes

Characteristics

- PVC sealing gasket for sizes up to 206 x 156 mm (8.11 x 6.14 in.) and a rubber gasket for sizes > 256 x 206 mm (10.08 x 8.11 in.).
- Back ready for threaded drill holes for fixing equipment.
  From size 155 x 105 mm (6.10 x 4.13 in.) and up, there are four M4 threaded holes fitted with removable plugs for direct fixing of the mounting plate.
- Including low cover.
- The SDB series consists of 2 basic models:
  - Without knock-outs: **NSYDB●●●**
  - With knock-outs: **NSYDB●●●M**
- Material: Sheet steel
- Finish: Structured finish, epoxy polyester powder
- Color: RAL 7035 gray
- Ingress protection rating: IP55 according to IEC 60529
- Mechanical protection rating: IK07 according to IEC 62262
- Indoor Installation: Wall-mounted with drill holes fitted with plastic plugs for sealing, in compliance with IEC 62208 standards for UV radiation (see §9.12) and corrosion resistance test (see §9.13).



Selection Table

Low Cover Models without Knock-Outs


NSYDBN1510

External dimensions mm (in.)			Dimensions mm (in.)			Weight	References
Height (A)	Width (B)	Depth (C)	D	E	F	kg (lbs.)	
85 (3.35)	85 (3.35)	49 (1.93)	58 (2.28)	58 (2.28)	-	0.18 (0.40)	**NSYDBN88**
105 (4.13)	105 (4.13)	49 (1.93)	76 (2.99)	76 (2.99)	-	0.25 (0.55)	**NSYDBN1010**
155 (6.10)	105 (4.13)	61 (2.40)	124 (4.88)	74 (2.91)	56 (2.20)	0.38 (0.84)	**NSYDBN1510**
206 (8.11)	156 (6.14)	83 (3.27)	172 (6.77)	122 (4.80)	78 (3.07)	1.00 (2.20)	**NSYDBN2015**
256 (10.08)	206 (8.11)	93 (3.66)	220 (8.66)	170 (6.69)	88 (3.46)	1.5 (3.31)	**NSYDBN2520**
307 (12.09)	257 (10.12)	116 (4.57)	268 (10.55)	218 (8.58)	110 (4.33)	3.3 (7.28)	**NSYDBN3025**

Low Cover Models with Knock-Outs


NSYDB2015M

External dimensions mm (in.)			Dimensions mm (in.)			Knock-outs		Weight	References
Height (A)	Width (B)	Depth (C)	D	E	F	Height (A)	Width (B)	kg (lbs.)	
85 (3.35)	85 (3.35)	49 (1.93)	58 (2.28)	58 (2.28)	-	1 n° 1	1 n° 1	0.18 (0.40)	**NSYDB88M**
105 (4.13)	105 (4.13)	49 (1.93)	76 (2.99)	76 (2.99)	-	2 n° 1	1 n° 1	0.25 (0.55)	**NSYDB1010M**
155 (6.10)	105 (4.13)	61 (2.40)	124 (4.88)	74 (2.91)	56 (2.20)	3 n° 1	1 n° 1	0.38 (0.84)	**NSYDB1510M**
206 (8.11)	156 (6.14)	83 (3.27)	172 (6.77)	122 (4.80)	78 (3.07)	3 n° 2	2 n° 2	1.00 (2.20)	**NSYDB2015M**

Accessories

Plain Mounting Plates for SDB Junction Boxes

for models without knock-outs	for models with knock-outs	References
NSYDBN1510	NSYDB1510M	**NSYPMD1510**
NSYDBN2015	NSYDB2015M	**NSYPMD2015**
NSYDBN2520	-	**NSYPMD2520**
NSYDBN3025	-	**NSYPMD3025**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

PanelSeT SBM: Industrial Boxes

Characteristics

Characteristics	PanelSeT SBM - Flat box with plain cover
	PB502069_40_nb 
Box body	Single-piece body (cross-shaped structure). Front design incorporating folded gutters. Flat rear. 2 (or 3 for width 800 (31.50) mm (in.)) drilled profiles for installing mounting plates and DIN rails, with a mounting hole spacing of 125 (4.92) mm (in.).
Box cover	Equipped with 4 or 6 half-turn thread screws, according to the version (6 screws for width greater than 400 (15.75) mm (in.)) to help ensure maximum watertightness. Polyurethane sealing gasket.
Protection of personnel	Ground connection mandatory for all boxes: PanelSeT SBM steel boxes are equipped with a M6 x 16 ground stud welded in the cover, to be linked with the body for equipotential connection. Grounding strap to be ordered separately (Ø (0.25) mm (in.) terminal).
Material	Sheet steel
Finish	Structured finish, epoxy polyester powder
Color	RAL 7035 gray
Ingress protection rating	• IP66 according to IEC 60529 • Types 4, 4X according to UL50E
Mechanical protection rating	IK10 according to IEC 62262
Standard	Compliance with enclosure standard IEC 62208, and RoHS and REACH directives
Certifications (see page 480)	• UL (cULus), BVM, DNV, TUV
Installation	Indoor: Direct wall-mounted (4 x Ø 10 (0.39) mm (in.) holes) or with mounting lugs installed from the outside (to be ordered separately, see specific accessory pages). Outdoor: With external mounting lugs.
Maximum load	Loading capacity on the body: 50 (110.23) kg (lbs.)/m²
Vibration constraints	Specific construction of the PanelSeT SBM - single-piece body (rectangular structure). The rear is flat without added parts - this helps ensure compliance with certain vibration constraints.

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Panel**SeT** SBM: Industrial Boxes

Selection Table

				PanelSeT SBM			
						 Standard Bus box phased out	
Dimensions mm (in.)			**Cover screws**	**Flat box**	**Mounting plate without screws**	**DIN rail 10 rails, supplied without screws**	**Post mounting**
Height	**Width**	**Depth**					
150 (5.91)	150 (5.91)	80 (3.15)	4	**NSYSBM15158**	**NSYMM11SB**	**NSYAMRD15357SB**	-
150 (5.91)	150 (5.91)	120 (4.72)	4	**NSYSBM151512**	**NSYMM11SB**	**NSYAMRD15357SB**	-
150 (5.91)	200 (7.87)	80 (3.15)	4	**NSYSBM15208**	**NSYMM12SB**	**NSYAMRD20357SB**	-
150 (5.91)	200 (7.87)	120 (4.72)	4	**NSYSBM152012**	**NSYMM12SB**	**NSYAMRD20357SB**	-
150 (5.91)	300 (11.81)	80 (3.15)	4	**NSYSBM15308**	**NSYMM13SB**	**NSYAMRD30357SB**	**NSYSFPSC30**
150 (5.91)	300 (11.81)	120 (4.72)	4	**NSYSBM153012**	**NSYMM13SB**	**NSYAMRD30357SB**	**NSYSFPSC30**
150 (5.91)	400 (15.75)	80 (3.15)	4	**NSYSBM15408**	**NSYMM14SB**	**NSYAMRD40357SB**	**NSYSFPSC40**
150 (5.91)	400 (15.75)	120 (4.72)	4	**NSYSBM154012**	**NSYMM14SB**	**NSYAMRD40357SB**	**NSYSFPSC40**
200 (7.87)	200 (7.87)	80 (3.15)	4	**NSYSBM20208**	**NSYMM22SB**	**NSYAMRD20357SB**	-
200 (7.87)	200 (7.87)	120 (4.72)	4	**NSYSBM202012**	**NSYMM22SB**	**NSYAMRD20357SB**	-
200 (7.87)	300 (11.81)	80 (3.15)	4	**NSYSBM20308**	**NSYMM23SB**	**NSYAMRD30357SB**	**NSYSFPSC30**
200 (7.87)	300 (11.81)	120 (4.72)	4	**NSYSBM203012**	**NSYMM23SB**	**NSYAMRD30357SB**	**NSYSFPSC30**
200 (7.87)	400 (15.75)	80 (3.15)	4	**NSYSBM20408**	**NSYMM24SB**	**NSYAMRD40357SB**	**NSYSFPSC40**
200 (7.87)	400 (15.75)	120 (4.72)	4	**NSYSBM204012**	**NSYMM24SB**	**NSYAMRD40357SB**	**NSYSFPSC40**
200 (7.87)	500 (19.69)	80 (3.15)	6	**NSYSBM20508**	**NSYMM25SB**	**NSYAMRD50357SB**	**NSYSFPSC50**
200 (7.87)	500 (19.69)	120 (4.72)	6	**NSYSBM205012**	**NSYMM25SB**	**NSYAMRD50357SB**	**NSYSFPSC50**
200 (7.87)	600 (23.62)	80 (3.15)	6	**NSYSBM20608**	**NSYMM26SB**	**NSYAMRD60357SB**	**NSYSFPSC60**
200 (7.87)	600 (23.62)	120 (4.72)	6	**NSYSBM206012**	**NSYMM26SB**	**NSYAMRD60357SB**	**NSYSFPSC60**
200 (7.87)	800 (31.50)	120 (4.72)	6	**NSYSBM208012**	**NSYMM28SB**	**NSYAMRD80357SB**	**NSYSFPSC80**
300 (11.81)	300 (11.81)	120 (4.72)	4	**NSYSBM303012**	**NSYMM33SB**	**NSYAMRD30357SB**	**NSYSFPSC30**
300 (11.81)	400 (15.75)	120 (4.72)	4	**NSYSBM304012**	**NSYMM34SB**	**NSYAMRD40357SB**	**NSYSFPSC40**
300 (11.81)	500 (19.69)	120 (4.72)	6	**NSYSBM305012**	**NSYMM35SB**	**NSYAMRD50357SB**	**NSYSFPSC50**
300 (11.81)	600 (23.62)	120 (4.72)	6	**NSYSBM306012**	**NSYMM36SB**	**NSYAMRD60357SB**	**NSYSFPSC60**
300 (11.81)	800 (31.50)	120 (4.72)	6	**NSYSBM308012**	**NSYMM38SB**	**NSYAMRD80357SB**	**NSYSFPSC80**
400 (15.75)	400 (15.75)	120 (4.72)	4	**NSYSBM404012**	**NSYMM44SB**	**NSYAMRD40357SB**	**NSYSFPSC40**
400 (15.75)	500 (19.69)	120 (4.72)	6	**NSYSBM405012**	**NSYMM45SB**	**NSYAMRD50357SB**	**NSYSFPSC50**
400 (15.75)	600 (23.62)	120 (4.72)	6	**NSYSBM406012**	**NSYMM46SB**	**NSYAMRD60357SB**	**NSYSFPSC60**
400 (15.75)	800 (31.50)	120 (4.72)	6	**NSYSBM408012**	**NSYMM48SB**	**NSYAMRD80357SB**	**NSYSFPSC80**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

PanelSeT SBM: Industrial Boxes

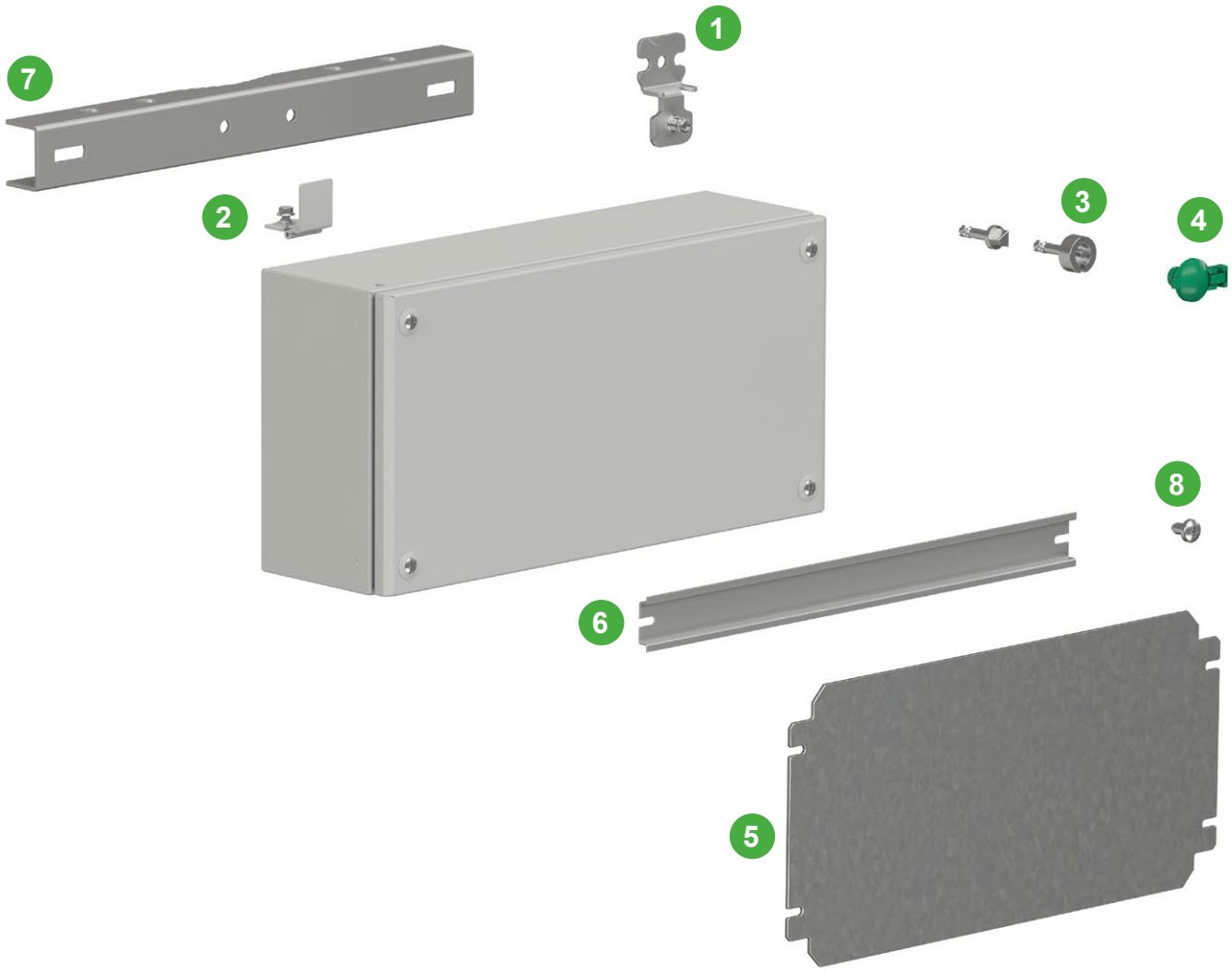
Selection Table

				Head screws					
	 NSYAEFPFSB 1 gasket and necessary hardware	 NSYAMFSB	 NSYAEDHSB	 NSYAEDSBSB	 NSYAEDSTSB	 NSYPPBB			
	Mounting lugs	**Self-tapping screws**	**Hinges**	**Double-bar shaped head screw**	**Triangular shaped head screw**	**Sealing kit**	**Dimensions** mm (in.)		
							Height	**Width**	**Depth**
	NSYAEFPFSB	**NSYAMFSB**	**NSYAEDHSB**	**NSYAEDSBSB**	**NSYAEDSTSB**	**NSYPPSB**	150 (5.91)	150 (5.91)	80 (3.15)
	NSYAEFPFSB	**NSYAMFSB**	**NSYAEDHSB**	**NSYAEDSBSB**	**NSYAEDSTSB**	**NSYPPSB**	150 (5.91)	150 (5.91)	120 (4.72)
	NSYAEFPFSB	**NSYAMFSB**	**NSYAEDHSB**	**NSYAEDSBSB**	**NSYAEDSTSB**	**NSYPPSB**	150 (5.91)	200 (7.87)	80 (3.15)
	NSYAEFPFSB	**NSYAMFSB**	**NSYAEDHSB**	**NSYAEDSBSB**	**NSYAEDSTSB**	**NSYPPSB**	150 (5.91)	200 (7.87)	120 (4.72)
	NSYAEFPFSB	**NSYAMFSB**	**NSYAEDHSB**	**NSYAEDSBSB**	**NSYAEDSTSB**	**NSYPPSB**	150 (5.91)	300 (11.81)	80 (3.15)
	NSYAEFPFSB	**NSYAMFSB**	**NSYAEDHSB**	**NSYAEDSBSB**	**NSYAEDSTSB**	**NSYPPSB**	150 (5.91)	300 (11.81)	120 (4.72)
	NSYAEFPFSB	**NSYAMFSB**	**NSYAEDHSB**	**NSYAEDSBSB**	**NSYAEDSTSB**	**NSYPPSB**	150 (5.91)	400 (15.75)	80 (3.15)
	NSYAEFPFSB	**NSYAMFSB**	**NSYAEDHSB**	**NSYAEDSBSB**	**NSYAEDSTSB**	**NSYPPSB**	150 (5.91)	400 (15.75)	120 (4.72)
	NSYAEFPFSB	**NSYAMFSB**	**NSYAEDHSB**	**NSYAEDSBSB**	**NSYAEDSTSB**	**NSYPPSB**	200 (7.87)	200 (7.87)	80 (3.15)
	NSYAEFPFSB	**NSYAMFSB**	**NSYAEDHSB**	**NSYAEDSBSB**	**NSYAEDSTSB**	**NSYPPSB**	200 (7.87)	200 (7.87)	120 (4.72)
	NSYAEFPFSB	**NSYAMFSB**	**NSYAEDHSB**	**NSYAEDSBSB**	**NSYAEDSTSB**	**NSYPPSB**	200 (7.87)	300 (11.81)	80 (3.15)
	NSYAEFPFSB	**NSYAMFSB**	**NSYAEDHSB**	**NSYAEDSBSB**	**NSYAEDSTSB**	**NSYPPSB**	200 (7.87)	300 (11.81)	120 (4.72)
	NSYAEFPFSB	**NSYAMFSB**	**NSYAEDHSB**	**NSYAEDSBSB**	**NSYAEDSTSB**	**NSYPPSB**	200 (7.87)	400 (15.75)	80 (3.15)
	NSYAEFPFSB	**NSYAMFSB**	**NSYAEDHSB**	**NSYAEDSBSB**	**NSYAEDSTSB**	**NSYPPSB**	200 (7.87)	400 (15.75)	120 (4.72)
	NSYAEFPFSB	**NSYAMFSB**	**NSYAEDHSB**	**NSYAEDSBSB**	**NSYAEDSTSB**	**NSYPPSB**	200 (7.87)	500 (19.69)	80 (3.15)
	NSYAEFPFSB	**NSYAMFSB**	**NSYAEDHSB**	**NSYAEDSBSB**	**NSYAEDSTSB**	**NSYPPSB**	200 (7.87)	500 (19.69)	120 (4.72)
	NSYAEFPFSB	**NSYAMFSB**	**NSYAEDHSB**	**NSYAEDSBSB**	**NSYAEDSTSB**	**NSYPPSB**	200 (7.87)	600 (23.62)	80 (3.15)
	NSYAEFPFSB	**NSYAMFSB**	**NSYAEDHSB**	**NSYAEDSBSB**	**NSYAEDSTSB**	**NSYPPSB**	200 (7.87)	600 (23.62)	120 (4.72)
	NSYAEFPFSB	**NSYAMFSB**	**NSYAEDHSB**	**NSYAEDSBSB**	**NSYAEDSTSB**	**NSYPPSB**	200 (7.87)	800 (31.50)	120 (4.72)
	NSYAEFPFSB	**NSYAMFSB**	**NSYAEDHSB**	**NSYAEDSBSB**	**NSYAEDSTSB**	**NSYPPSB**	300 (11.81)	300 (11.81)	120 (4.72)
	NSYAEFPFSB	**NSYAMFSB**	**NSYAEDHSB**	**NSYAEDSBSB**	**NSYAEDSTSB**	**NSYPPSB**	300 (11.81)	400 (15.75)	120 (4.72)
	NSYAEFPFSB	**NSYAMFSB**	**NSYAEDHSB**	**NSYAEDSBSB**	**NSYAEDSTSB**	**NSYPPSB**	300 (11.81)	500 (19.69)	120 (4.72)
	NSYAEFPFSB	**NSYAMFSB**	**NSYAEDHSB**	**NSYAEDSBSB**	**NSYAEDSTSB**	**NSYPPSB**	300 (11.81)	600 (23.62)	120 (4.72)
	NSYAEFPFSB	**NSYAMFSB**	**NSYAEDHSB**	**NSYAEDSBSB**	**NSYAEDSTSB**	**NSYPPSB**	300 (11.81)	800 (31.50)	120 (4.72)
	NSYAEFPFSB	**NSYAMFSB**	**NSYAEDHSB**	**NSYAEDSBSB**	**NSYAEDSTSB**	**NSYPPSB**	400 (15.75)	400 (15.75)	120 (4.72)
	NSYAEFPFSB	**NSYAMFSB**	**NSYAEDHSB**	**NSYAEDSBSB**	**NSYAEDSTSB**	**NSYPPSB**	400 (15.75)	500 (19.69)	120 (4.72)
	NSYAEFPFSB	**NSYAMFSB**	**NSYAEDHSB**	**NSYAEDSBSB**	**NSYAEDSTSB**	**NSYPPSB**	400 (15.75)	600 (23.62)	120 (4.72)
	NSYAEFPFSB	**NSYAMFSB**	**NSYAEDHSB**	**NSYAEDSBSB**	**NSYAEDSTSB**	**NSYPPSB**	400 (15.75)	800 (31.50)	120 (4.72)

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

PanelSeT SBM: Industrial Boxes

Accessories



Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Fixing Accessories

1



Mounting lugs

See details p. 392

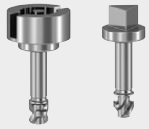
2



Hinges

See details p. 450

3



Head screws

See details p. 461

4



Sealing kit

See details p. 461

Mounting Accessories

5



Mounting plates

See details p. 344

6



Symetrical DIN rails

See details p. 359

7



Post fixing device

See details p. 399

8



Self-tapping screws

See details p. 461

> For more information consult the Accessories chapter **page 342**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

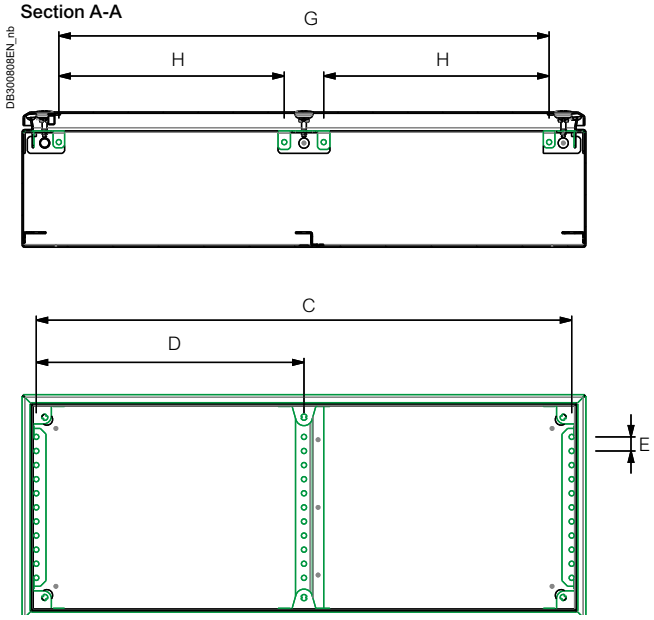
PanelSeT SBM: Industrial Boxes

Dimensions

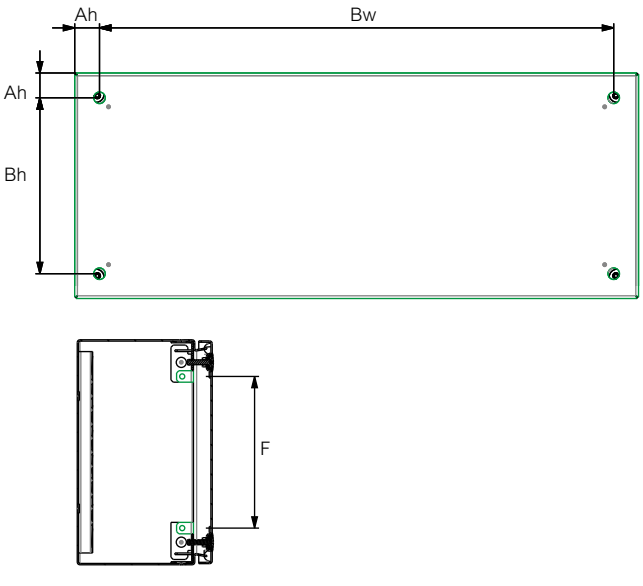
External Mounting of the Box and Mounting Accessories

Box mm (in.)		**Mounting** mm (in.)								
Height	**Width**	**Ah**	**Bh**	**Bw**	**C**	**D**	**E**	**F**	**G**	**H**
150 (5.91)	150 (5.91)	20.5 (0.81)	109 (4.29)	109 (4.29)	125 (4.92)	-	12.5 (0.49)	85 (3.35)	85 (3.35)	-
	200 (7.87)	20.5 (0.81)	109 (4.29)	159 (6.26)	175 (6.89)	-	12.5 (0.49)	85 (3.35)	135 (5.32)	-
	300 (11.81)	20.5 (0.81)	109 (4.29)	259 (10.20)	275 (10.83)	-	12.5 (0.49)	85 (3.35)	235 (9.25)	-
	400 (15.75)	20.5 (0.81)	109 (4.29)	359 (14.13)	375 (14.76)	-	12.5 (0.49)	85 (3.35)	335 (13.19)	-
200 (7.87)	200 (7.87)	20.5 (0.81)	159 (6.26)	159 (6.26)	175 (6.89)	-	12.5 (0.49)	135 (5.32)	135 (5.32)	-
	300 (11.81)	20.5 (0.81)	159 (6.26)	259 (10.20)	275 (10.83)	-	12.5 (0.49)	135 (5.32)	235 (9.25)	-
	400 (15.75)	20.5 (0.81)	159 (6.26)	359 (14.13)	375 (14.76)	-	12.5 (0.49)	135 (5.32)	335 (13.19)	-
	500 (19.69)	20.5 (0.81)	159 (6.26)	459 (18.07)	475 (18.70)	-	12.5 (0.49)	135 (5.32)	435 (17.13)	200 (7.87)
	600 (23.62)	20.5 (0.81)	159 (6.26)	559 (22.01)	575 (22.64)	-	12.5 (0.49)	135 (5.32)	535 (21.06)	250 (9.84)
	800 (31.50)	20.5 (0.81)	159 (6.26)	759 (29.88)	775 (30.51)	387.5 (15.26)	12.5 (0.49)	135 (5.32)	735 (28.94)	350 (13.78)
300 (11.81)	300 (11.81)	20.5 (0.81)	259 (10.20)	259 (10.20)	275 (10.83)	-	12.5 (0.49)	235 (9.25)	235 (9.25)	-
	400 (15.75)	20.5 (0.81)	259 (10.20)	359 (14.13)	375 (14.76)	-	12.5 (0.49)	235 (9.25)	335 (13.19)	-
	500 (19.69)	20.5 (0.81)	259 (10.20)	459 (18.07)	475 (18.70)	-	12.5 (0.49)	235 (9.25)	435 (17.13)	200 (7.87)
	600 (23.62)	20.5 (0.81)	259 (10.20)	559 (22.01)	575 (22.64)	-	12.5 (0.49)	235 (9.25)	535 (21.06)	250 (9.84)
	800 (31.50)	20.5 (0.81)	259 (10.20)	759 (29.88)	775 (30.51)	387.5 (15.26)	12.5 (0.49)	235 (9.25)	735 (28.94)	350 (13.78)
400 (15.75)	400 (15.75)	20.5 (0.81)	359 (14.13)	359 (14.13)	375 (14.76)	-	12.5 (0.49)	335 (13.19)	335 (13.19)	-
	500 (19.69)	20.5 (0.81)	359 (14.13)	459 (18.07)	475 (18.70)	-	12.5 (0.49)	335 (13.19)	435 (17.13)	200 (7.87)
	600 (23.62)	20.5 (0.81)	359 (14.13)	559 (22.01)	575 (22.64)	-	12.5 (0.49)	335 (13.19)	535 (21.06)	250 (9.84)
	800 (31.50)	20.5 (0.81)	359 (14.13)	759 (29.88)	775 (30.51)	387.5 (15.26)	12.5 (0.49)	335 (13.19)	735 (28.94)	350 (13.78)

Section A-A



Section B-B



Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Panel**SeT** Steel Enclosures

Steel Wall-Mounted Enclosures

Panel**SeT** S3DC

4771an_02.eps



Panel**SeT** CRN

PB500369_68



Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Panel**SeT** S3DC

Introduction	**28**
Characteristics	**30**
Selection Table	**32**
Accessories	**38**
Dimensions	**40**
Mounting Options	**42**
Protection	**45**

Panel**SeT** CRN

Introduction	**46**
Characteristics	**48**
Selection Table	**50**
Accessories	**56**
Dimensions	**58**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Panel**SeT** S3DC

Introduction





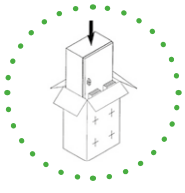
The PanelSeT S3DC range offers a wide selection of steel wall-mounting enclosures on the market. It is designed for easy equipment setup and maintenance, saving you time on projects. It provides high component security, water and dust tightness, and impact resistance.
It includes welded earthing studs on the body and door enhance personal safety.

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.







Service Life
- Quality of the welding and the painting

Component Protection
- Protection NEMA Type 1/2/3/3R/4/4X/5/12/13
- Water and dust tightness IP66 and impact resistance IK10
- EMC and ATEX offer

Increased Choice
- Large range of universal dimensions
- Application offer with special dimensions

Easy Maintenance
- Removable hinges
- 1-lock system for heights below 600 (23.62) mm (in.)
- 3-point lock for heights from 600 (23.62) mm (in.)

Electrical Safety
- Earthing studs welded to the body and door

Added Value to your Work
- Quality and quantity

Easy Equipping
- 4 or 6 10 (0.4) mm (in.) shouldered welded studs
- Broad range of mounting plates
- Broad range of cable gland plates
- Cable guides welded to the door from the height of 400 (15.75) mm (in.)

Easy Handling
- Reusable packaging made with recycled cardboard
- No sharp edges

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Steel Wall-Mounted Enclosures

Panel**SeT** S3DC

Characteristics

Characteristics	PanelSeT S3DC
	
	Three steel enclosure configurations are available: • Enclosure with plain door. • Enclosure with plain door delivered with a galvanized plain mounting plate, not installed. • Enclosure with glazed door, 4 (0.16) mm (in.)-thick Securit® glass.
Personnel protection	• Earth connection: equipped with M6 x 16 earth studs welded in the body and the door for equipotential connection. Earth braid to be ordered separately (see page 459). • The enclosures are equipped from the height of 600 (23.62) mm (in.) with three locking points with linkage, with a single control point, helping prevent the enclosures from being left half-closed. Locks and inserts, page 444.
Material	Steel
Finish	Structured finish, epoxy polyester powder
Color	RAL 7035 gray
Ingress protection rating	Protection NEMA Type 1/2/3/3R/4/4X/5/12/13
Mechanical protection rating	IK10 for the plain-door enclosures and IK08 for the glazed-door enclosures according to IEC 62262
Standards	• Compliance with enclosure standards IEC 62208 • Compliant with the RoHS and REACH directives
Certifications (see page 480)	• UL (cULus), BVM, DNV. For Atex see page 258 • UL Types 4, 4X and 13 for the single-door enclosures on page 485 **Nuclear decontamination: RAL 7035 gray and AFNOR A550 tests available on demand.** **More information on painting properties on page 487 and 488**
Installation	**Indoor** • Given their strength, metal enclosures are particularly well suited to indoor and outdoor areas where they may experience impacts • 4 or 6 studs for widths 1000 (39.37) and 1200 (47.24) (see page 43 and 44) M8 x 25 collared studs for installing mounting plates and step slides, leaving a space of 10 (0.39) mm (in.) behind them.
Supply	**Body** • Single-piece body (cross-shaped structure). Gutter-shaped front profile with double fold. **Flat rear** • M6 x 16 earthing screws for equipotential connection between the door and the body of the enclosure • Direct wall-mounted (4 x Ø 10 mm (0.39 in.) holes) or with the help of fixing lugs installed from the outside (to be ordered separately, see page 392) **Door** • Wall-mounted enclosure supplied with screwdriver lock as standard • Polyurethane door gasket • M6 x 16 earthing screws for equipotential connection between the door and the body of the enclosure • Easily removable and reversible, with 20 (0.79) mm (in.) return with double thickness granting excellent rigidity, opening to 120°, equipped with 2 or 3 invisible hinges (from the height of 800 mm (31.50 in.)) • Door opening to 180° with optional hinges (page 450) • For heights from 600 (23.62) mm (in.), three locking points with linkage, with a single control point. Simple reversal of linkage. Maximum load: 50 (110.23) kg (lbs.)/m² • A handle is delivered which provides 2 functions: - Operating key - Tool for loosening the stud protection caps. This handle can be solidly attached to the locking system by means of a captive element • Perforated rails on the door, with drill holes with a diameter of 4.2 (0.17) mm (in.) in steps of 25 (0.98) mm (in.): - 2 vertical rails from the height of 400 (15.75) mm (in.) - 2 vertical rails and 2 horizontal rails from the width of 800 (31.50) mm (in.)

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Steel Wall-Mounted Enclosures

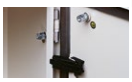
PanelSeT S3DC

Selection Table

- Ingress protection rating: IP66 for the single-door enclosures.
- Rating according UL50E: Types 4, 4X and 13 for single-door enclosures.

Dimensions mm (in.)						Plain front door	Mounting plate	
								
Height	Width	Depth	Doors	IP	Weight of empty enclosures: kg (lbs)	Without mounting plate	Plain mounting plate painted white	Plain mounting plate galvanized
300 (11.81)	200 (7.87)	150 (5.91)	1	66	2.82 (6.2)	**NSYS3DC3215**	**NSYMM32WH**	**NSYMM32**
300 (11.81)	300 (11.81)	150 (5.91)	1	66	3.18 (7.0)	**NSYS3DC3315**	**NSYMM33WH**	**NSYMM33**
300 (11.81)	300 (11.81)	200 (7.87)	1	66	4.07 (9.0)	**NSYS3DC3320**	**NSYMM33WH**	**NSYMM33**
400 (15.75)	300 (11.81)	150 (5.91)	1	66	4.66 (10.3)	**NSYS3DC4315**	**NSYMM43WH**	**NSYMM43**
400 (15.75)	300 (11.81)	200 (7.87)	1	66	4.57 (10.1)	**NSYS3DC4320**	**NSYMM43WH**	**NSYMM43**
400 (15.75)	400 (15.75)	200 (7.87)	1	66	5.92 (13.1)	**NSYS3DC4420**	**NSYMM44WH**	**NSYMM44**
500 (19.69)	400 (15.75)	200 (7.87)	1	66	8.72 (19.2)	**NSYS3DC5420**	**NSYMM54WH**	**NSYMM54**
500 (19.69)	400 (15.75)	250 (9.84)	1	66	9.62 (21.2)	**NSYS3DC5425**	**NSYMM54WH**	**NSYMM54**
500 (19.69)	500 (19.69)	200 (7.87)	1	66	10.41 (23.0)	**NSYS3DC5520**	**NSYMM55WH**	**NSYMM55**
500 (19.69)	500 (19.69)	250 (9.84)	1	66	11.29 (24.9)	**NSYS3DC5525**	**NSYMM55WH**	**NSYMM55**
600 (23.62)	400 (15.75)	200 (7.87)	1	66	10.11 (22.3)	**NSYS3DC6420**	**NSYMM64WH**	**NSYMM64**
600 (23.62)	400 (15.75)	250 (9.84)	1	66	11.42 (25.2)	**NSYS3DC6425**	**NSYMM64WH**	**NSYMM64**
600 (23.62)	500 (19.69)	200 (7.87)	1	66	11.3 (25)	**NSYS3DC6520** New	**NSYMM65**	**NSYMM65**
600 (23.62)	500 (19.69)	250 (9.84)	1	66	12.2 (27)	**NSYS3DC6525** New	**NSYMM65**	**NSYMM65**
600 (23.62)	600 (23.62)	200 (7.87)	1	66	13.11 (28.9)	**NSYS3DC6620**	**NSYMM66WH**	**NSYMM66**
600 (23.62)	600 (23.62)	250 (9.84)	1	66	14.11 (31.1)	**NSYS3DC6625**	**NSYMM66WH**	**NSYMM66**
600 (23.62)	600 (23.62)	300 (11.81)	1	66	15.59 (34.4)	**NSYS3DC6630**	**NSYMM66WH**	**NSYMM66**
600 (23.62)	600 (23.62)	400 (15.75)	1	66	19.1 (42)	**NSYS3DC6640** New	**NSYMM66WH**	**NSYMM66**
700 (27.56)	500 (19.69)	250 (9.84)	1	66	14.23 (31.4)	**NSYS3DC7525**	**NSYMM75WH**	**NSYMM75**
800 (31.50)	600 (23.62)	200 (7.87)	1	66	20.11 (44.3)	**NSYS3DC8620**	**NSYMM86WH**	**NSYMM86**
800 (31.50)	600 (23.62)	250 (9.84)	1	66	22.11 (48.7)	**NSYS3DC8625**	**NSYMM86WH**	**NSYMM86**
800 (31.50)	600 (23.62)	300 (11.81)	1	66	23.59 (52.0)	**NSYS3DC8630**	**NSYMM86WH**	**NSYMM86**
800 (31.50)	600 (23.62)	400 (15.75)	1	66	27.59 (60.8)	**NSYS3DC8640**	**NSYMM86WH**	**NSYMM86**
800 (31.50)	800 (31.50)	200 (7.87)	1	66	25.9 (57)	**NSYS3DC8820** New	**NSYMM88WH**	**NSYMM88**
800 (31.50)	800 (31.50)	250 (9.84)	1	66	29.42 (64.9)	**NSYS3DC8825**	**NSYMM88WH**	**NSYMM88**
800 (31.50)	800 (31.50)	300 (11.81)	1	66	31.42 (69.3)	**NSYS3DC8830**	**NSYMM88WH**	**NSYMM88**
900 (35.43)	800 (31.50)	300 (11.81)	1	66	34 (75)	**NSYS3DC9830** New	**NSYMM98**	**NSYMM98**
900 (35.43)	900 (35.43)	300 (11.81)	1	66	30.8 (68)	**NSYS3DC9930** New	**NSYMM99**	**NSYMM99**
1000 (39.37)	600 (23.62)	250 (9.84)	1	66	27.11 (59.8)	**NSYS3DC10625**	**NSYMM106WH**	**NSYMM106**
1000 (39.37)	800 (31.50)	250 (9.84)	1	66	33.84 (74.6)	**NSYS3DC10825**	**NSYMM108WH**	**NSYMM108**
1000 (39.37)	800 (31.50)	300 (11.81)	1	66	36.84 (81.2)	**NSYS3DC10830**	**NSYMM108WH**	**NSYMM108**
1000 (39.37)	800 (31.50)	400 (15.75)	1	66	40.84 (90.0)	**NSYS3DC10840**	**NSYMM108WH**	**NSYMM108**
1000 (39.37)	1000 (39.37)	300 (11.81)	1	66	44.46 (98.0)	**NSYS3DC101030**	**NSYMM1010WH**	**NSYMM1010**
1200 (47.24)	800 (31.50)	300 (11.81)	1	66	43.84 (96.7)	**NSYS3DC12830**	**NSYMM128WH**	**NSYMM128**
1200 (47.24)	800 (31.50)	400 (15.75)	1	66	47.84 (105.5)	**NSYS3DC12840**	**NSYMM128WH**	**NSYMM128**
1200 (47.24)	1000 (39.37)	300 (11.81)	1	66	51.46 (113.4)	**NSYS3DC121030**	**NSYMM1210WH**	**NSYMM1210**

	Installation accessories	References
	Set of 4 steel mounting lugs	**NSYAEFPFSC**
	Set of 4 stainless-steel mounting lugs	**NSYAEFPFXSC**
	Kit for heavy loads	**NSYAEFAHLBSC**
	Set of 2 M8 eyebolts	**NSYAELYTCRG8**

	Door accessories	References
	Steel door retainer for S3DC steel enclosure	**NSYAEDRSCST**
	Door switch for wall-mounted enclosures	**NSYINLCRN**
	Grounding lead 160, sec. 6 mm²	**NSYEL166D8**

See also these accessories

Equipment mounting plate
Page 13

Accessories for mounting plate
Page 13

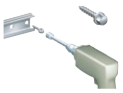
Cable-management accessories
Page 13

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

- For other dimensions, see our application offer.
- Enclosure without mounting plate.

Mounting plate					Accessories			
								
Microperforated mounting plate galvanized	**Aluminum upright ***	**Perforated Telequick ****	**19" fixed chassis**	**19" pivoting chassis**	**Internal door**	**Adjustable brackets**	**Door cross-rail**	**Canopy**
NSYMF32	**NSYMDVR3**	**NSYMR32**	-	-	-	-	-	**NSYTJ2015**
NSYMF33	**NSYMDVR3**	**NSYMR33**	-	-	-	-	-	**NSYTJ3015**
NSYMF33	**NSYMDVR3**	**NSYMR33**	-	-	-	**NSYSDCR200**	-	**NSYTJ3020**
NSYMF43	**NSYMDVR4**	**NSYMR43**	-	-	**NSYPIN43**	-	-	**NSYTJ3015**
NSYMF43	**NSYMDVR4**	**NSYMR43**	-	-	**NSYPIN43**	**NSYSDCR200**	-	**NSYTJ3020**
NSYMF44	**NSYMDVR4**	**NSYMR44**	-	-	-	**NSYSDCR200**	**NSYTFPCRN4**	**NSYTJ4020**
NSYMF54	**NSYMDVR5**	**NSYMR54**	-	-	NSYPIN54	**NSYSDCR200**	**NSYTFPCRN4**	**NSYTJ4020**
NSYMF54	**NSYMDVR5**	**NSYMR54**	-	-	NSYPIN54	**NSYSDCR250**	**NSYTFPCRN4**	**NSYTJ4025**
NSYMF55	**NSYMDVR5**	**NSYMR55**	-	-	-	**NSYSDCR200**	**NSYTFPCRN5**	**NSYTJ5020**
NSYMF55	**NSYMDVR5**	**NSYMR55**	-	-	-	**NSYSDCR250**	**NSYTFPCRN5**	**NSYTJ5025**
NSYMF64	**NSYMDVR6**	**NSYMR64**	-	-	**NSYPIN64**	**NSYSDCR200**	**NSYTFPCRN4**	**NSYTJ4020**
NSYMF64	**NSYMDVR6**	**NSYMR64**	-	-	**NSYPIN64**	**NSYSDCR250**	**NSYTFPCRN4**	**NSYTJ4025**
NSYMF65	**NSYMDVR6**	**NSYMR65**	-	-	-	**NSYSDCR200**	**NSYTFPCRN5**	**NSYTJ5020**
NSYMF65	**NSYMDVR6**	**NSYMR65**	-	-	-	**NSYSDCR250**	**NSYTFPCRN5**	**NSYTJ5025**
NSYMF66	**NSYMDVR6**	**NSYMR66**	**NSYVDM12UF**	**NSYVDM11UP**	-	**NSYSDCR200**	**NSYTFPCRN6**	**NSYTJ6020**
NSYMF66	**NSYMDVR6**	**NSYMR66**	**NSYVDM12UF**	**NSYVDM11UP**	-	**NSYSDCR250**	**NSYTFPCRN6**	**NSYTJ6025**
NSYMF66	**NSYMDVR6**	**NSYMR66**	**NSYVDM12UF**	**NSYVDM11UP**	-	**NSYSDCR300**	**NSYTFPCRN6**	**NSYTJ6030**
NSYMF66	**NSYMDVR6**	**NSYMR66**	**NSYVDM12UF**	**NSYVDM11UP**	-	**NSYSDCR400**	**NSYTFPCRN6**	**NSYTJ6040**
NSYMF75	**NSYMDVR7**	**NSYMR75**	-	-	NSYPIN75	**NSYSDCR250**	**NSYTFPCRN5**	**NSYTJ5025**
NSYMF86	**NSYMDVR8**	**NSYMR86**	**NSYVDM17UF**	**NSYVDM16UP**	**NSYPIN86**	**NSYSDCR200**	**NSYTFPCRN6**	**NSYTJ6020**
NSYMF86	**NSYMDVR8**	**NSYMR86**	**NSYVDM17UF**	**NSYVDM16UP**	**NSYPIN86**	**NSYSDCR250**	**NSYTFPCRN6**	**NSYTJ6025**
NSYMF86	**NSYMDVR8**	**NSYMR86**	**NSYVDM17UF**	**NSYVDM16UP**	**NSYPIN86**	**NSYSDCR300**	**NSYTFPCRN6**	**NSYTJ6030**
NSYMF86	**NSYMDVR8**	**NSYMR86**	**NSYVDM17UF**	**NSYVDM16UP**	**NSYPIN86**	**NSYSDCR400**	**NSYTFPCRN6**	**NSYTJ6040**
NSYMF88	**NSYMDVR8**	**NSYMR88**	-	-	-	**NSYSDCR200**	**NSYTFPCRN8**	-
NSYMF88	**NSYMDVR8**	**NSYMR88**	-	-	-	**NSYSDCR250**	**NSYTFPCRN8**	**NSYTJ8025**
NSYMF88	**NSYMDVR8**	**NSYMR88**	-	-	-	**NSYSDCR300**	**NSYTFPCRN8**	**NSYTJ8030**
-	-	-	-	-	-	-	**NSYSDCR300**	**NSYTFPCRN8**	-
-	-	-	-	-	-	-	**NSYSDCR300**	-	-
NSYMF106	**NSYMDVR10**	**NSYMR106**	**NSYVDM21UF**	**NSYVDM20UP**	**NSYPIN106**	**NSYSDCR250**	**NSYTFPCRN6**	**NSYTJ6025**
NSYMF108	**NSYMDVR10**	**NSYMR108**	-	**NSYVDM20U8P**	**NSYPIN108**	**NSYSDCR250**	**NSYTFPCRN8**	**NSYTJ8025**
NSYMF108	**NSYMDVR10**	**NSYMR108**	-	**NSYVDM20U8P**	**NSYPIN108**	**NSYSDCR300**	**NSYTFPCRN8**	**NSYTJ8030**
NSYMF108	**NSYMDVR10**	**NSYMR108**	-	**NSYVDM20U8P**	**NSYPIN108**	**NSYSDCR400**	**NSYTFPCRN8**	**NSYTJ8040**
NSYMF1010	**NSYMDVR10**	**NSYMR1010**	-	-	-	**NSYSDCR300**	**NSYTFPCRN10**	**NSYTJ10030**
NSYMF128	**NSYMDVR12**	**NSYMR128**	-	**NSYVDM25U8P**	**NSYPIN128**	**NSYSDCR300**	**NSYTFPCRN8**	**NSYTJ8030**
NSYMF128	**NSYMDVR12**	**NSYMR128**	-	**NSYVDM25U8P**	**NSYPIN128**	**NSYSDCR400**	**NSYTFPCRN8**	**NSYTJ8040**
NSYMF1210	**NSYMDVR12**	**NSYMR1210**	-	-	-	**NSYSDCR300**	**NSYTFPCRN10**	**NSYTJ10030**

(1) **NSYEMR** mandatory.
(2) **NSYAMCSF** mandatory for enclosure width > 1000.

	Mounting	References
	Mounting for the grounding strip	**NSYEDCOS**
	Self-tapping screw for microperforated mounting plate	**NSYS13M5HS**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Panel**SeT** S3DC

Selection Table

- Ingress protection rating: IP66 for the single-door enclosures and IP55 for the double-door enclosures, according to IEC 60529
- For other dimensions, see our application offer.
- Enclosure without mounting plate.

			Electronics and networks, 19" racks				Cable entry accessories, Cable gland plates
							
Dimensions mm (in.) **(1)**			**Fixed**	**Number of units**	**Swing**	**Number of units**	**FlexiCable (6)**
Height	**Width**	**Depth**					
300 (11.81)	200 (7.87)	150 (5.91)	-	-	-	-	-
300 (11.81)	250 (9.84)	150 (5.91)	-	-	-	-	-
300 (11.81)	300 (11.81)	150 (5.91)	-	-	-	-	-
300 (11.81)	300 (11.81)	200 (7.87)	-	-	-	-	**NSYTLCME**
300 (11.81)	400 (15.75)	150 (5.91)	-	-	-	-	-
300 (11.81)	400 (15.75)	200 (7.87)	-	-	-	-	**NSYTLDME**
400 (15.75)	300 (11.81)	150 (5.91)	-	-	-	-	-
400 (15.75)	300 (11.81)	200 (7.87)	-	-	-	-	**NSYTLCME**
400 (15.75)	400 (15.75)	200 (7.87)	-	-	-	-	**NSYTLDME**
400 (15.75)	600 (23.62)	200 (7.87)	**NSYVDM8UF**	8	-	-	**NSYTLFME**
400 (15.75)	600 (23.62)	250 (9.84)	**NSYVDM8UF**	8	-	-	**NSYTLFME**
500 (19.69)	300 (11.81)	200 (7.87)	-	-	-	-	**NSYTLCME**
500 (19.69)	400 (15.75)	200 (7.87)	-	-	-	-	**NSYTLDME**
500 (19.69)	400 (15.75)	250 (9.84)	-	-	-	-	**NSYTLDME**
500 (19.69)	500 (19.69)	200 (7.87)	-	-	-	-	**NSYTLEME**
500 (19.69)	500 (19.69)	250 (9.84)	-	-	-	-	**NSYTLEME**
600 (23.62)	400 (15.75)	200 (7.87)	-	-	-	-	**NSYTLDME**
600 (23.62)	400 (15.75)	250 (9.84)	-	-	-	-	**NSYTLDME**
600 (23.62)	500 (19.69)	200 (7.87)	-	-	-	-	**NSYTLEME**
600 (23.62)	500 (19.69)	250 (9.84)	-	-	-	-	**NSYTLEME**
600 (23.62)	600 (23.62)	200 (7.87)	**NSYVDM12UF**	12	**NSYVDM11UP**	11	**NSYTLFME**
600 (23.62)	600 (23.62)	250 (9.84)	**NSYVDM12UF**	12	**NSYVDM11UP**	11	**NSYTLFME**
600 (23.62)	600 (23.62)	300 (11.81)	**NSYVDM12UF**	12	**NSYVDM11UP**	11	**NSYTLGME**
600 (23.62)	600 (23.62)	400 (15.75)	**NSYVDM12UF**	12	**NSYVDM11UP**	11	**NSYTLGME**
600 (23.62)	800 (31.50)	300 (11.81)	-	-	-	-	2x **NSYTLDME**
700 (27.56)	500 (19.69)	250 (9.84)	-	-	-	-	**NSYTLEME**
800 (31.50)	600 (23.62)	200 (7.87)	**NSYVDM17UF**	17	**NSYVDM16UP**	16	**NSYTLFME**
800 (31.50)	600 (23.62)	250 (9.84)	**NSYVDM17UF**	17	**NSYVDM16UP**	16	**NSYTLFME**
800 (31.50)	600 (23.62)	300 (11.81)	**NSYVDM17UF**	17	**NSYVDM16UP**	16	**NSYTLGME**
800 (31.50)	600 (23.62)	400 (15.75)	**NSYVDM17UF**	17	**NSYVDM16UP**	16	**NSYTLGME**
800 (31.50)	800 (31.50)	200 (7.87)	-	-	-	-	2x **NSYTLDME**
800 (31.50)	800 (31.50)	250 (9.84)	-	-	-	-	2x **NSYTLDME**
800 (31.50)	800 (31.50)	300 (11.81)	-	-	-	-	2x **NSYTLDME**
800 (31.50)	1000 (39.37)	300 (11.81)	-	-	-	-	2x **NSYTLDME**
800 (31.50)	1000 (39.37)	300 (11.81)	-	-	-	-	2x **NSYTLDME**
800 (31.50)	1200 (47.24)	300 (11.81)	-	-	-	-	2x **NSYTLDME**
900 (35.43)	800 (31.50)	300 (11.81)	-	-	-	-	2x **NSYTLDME**
900 (35.43)	900 (35.43)	300 (11.81)	-	-	-	-	-
1000 (39.37)	600 (23.62)	250 (9.84)	**NSYVDM21UF**	21	**NSYVDM20UP**	20	**NSYTLFME**
1000 (39.37)	600 (23.62)	300 (11.81)	**NSYVDM21UF**	21	**NSYVDM20UP**	20	**NSYTLGME**
1000 (39.37)	600 (23.62)	400 (15.75)	**NSYVDM21UF**	21	**NSYVDM20UP**	20	**NSYTLGME**
1000 (39.37)	800 (31.50)	250 (9.84)	-	-	**NSYVDM20U8P**	20	2x **NSYTLDME**
1000 (39.37)	800 (31.50)	300 (11.81)	-	-	**NSYVDM20U8P**	20	2x **NSYTLDME**
1000 (39.37)	800 (31.50)	400 (15.75)	-	-	**NSYVDM20U8P**	20	2x **NSYTLDME**
1000 (39.37)	1000 (39.37)	300 (11.81)	-	-	-	-	2x **NSYTLEME**
1000 (39.37)	1000 (39.37)	300 (11.81)	-	-	-	-	2x **NSYTLEME**
1000 (39.37)	1200 (47.24)	300 (11.81)	-	-	-	-	2x **NSYTLEME**
1000 (39.37)	1200 (47.24)	400 (15.75)	-	-	-	-	2x **NSYTLEME**
1200 (47.24)	600 (23.62)	300 (11.81)	-	-	-	-	**NSYTLGME**
1200 (47.24)	600 (23.62)	400 (15.75)	-	-	-	-	**NSYTLGME**
1200 (47.24)	800 (31.50)	300 (11.81)	-	-	**NSYVDM25U8P**	25	2x **NSYTLDME**
1200 (47.24)	800 (31.50)	400 (15.75)	-	-	**NSYVDM25U8P**	25	2x **NSYTLDME**
1200 (47.24)	1000 (39.37)	300 (11.81)	-	-	-	-	2x **NSYTLEME**
1200 (47.24)	1000 (39.37)	300 (11.81)	-	-	-	-	2x **NSYTLEME**
1200 (47.24)	1000 (39.37)	400 (15.75)	-	-	-	-	2x **NSYTLEME**
1200 (47.24)	1200 (47.24)	300 (11.81)	-	-	-	-	2x **NSYTLEME**
1200 (47.24)	1200 (47.24)	400 (15.75)	-	-	-	-	2x **NSYTLEME**
1400 (55.12)	1000 (39.37)	300 (11.81)	-	-	-	-	2x **NSYTLEME**

(1) For other dimensions, see our application offer, page 164.
(2) FL13 for entry type A and B FL21 for all other entries.
(3) To adjust the depth of the internal door, please order the step slides.
(4) 2 plates.
(5) Exists with 1 cut-out **NSYTLGFL**.
(6) Cable entry FlexiCable IP55.

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

	Composition accessories					Plinths						
	 PB500328_12_nb	 PB500111_14_nb	 NSYTJ2015	 PB500156_34_nb	 NSYAEFPFS3DW20	 NSYSPF6100_nb		 NSYSPF6200_nb				
	Internal door (3)	Step slides	Canopy	Fixing on post	Full width wall fixing lugs	Single plinths front plate (9)	Single plinths side plate (9)	Single plinths front plate (7) (9)	Single plinths side plate (7) (9)	Dimensions mm (in.) (1) Height	Width	Depth
	-	-	**NSYTJ2015**	-	-	-	-	-	-	300 (11.81)	200 (7.87)	150 (5.91)
	-	-	**NSYTJ2515**	-	-	-	-	-	-	300 (11.81)	250 (9.84)	150 (5.91)
	-	-	**NSYTJ3015**	**NSYSFPSC30**	-	-	-	-	-	300 (11.81)	300 (11.81)	150 (5.91)
	-	**NSYSDCR200**	**NSYTJ3020**	**NSYSFPSC30**	-	-	-	-	-	300 (11.81)	300 (11.81)	200 (7.87)
	-	-	**NSYTJ4015**	**NSYSFPSC40**	**NSYAEFPFS3DW40**	-	-	-	-	300 (11.81)	400 (15.75)	150 (5.91)
	-	**NSYSDCR200**	**NSYTJ4020**	**NSYSFPSC40**	**NSYAEFPFS3DW40**	-	-	-	-	300 (11.81)	400 (15.75)	200 (7.87)
	NSYPIN43	-	**NSYTJ3015**	**NSYSFPSC30**	-	-	-	-	-	400 (15.75)	300 (11.81)	150 (5.91)
	NSYPIN43	**NSYSDCR200**	**NSYTJ3020**	**NSYSFPSC30**	-	-	-	-	-	400 (15.75)	300 (11.81)	200 (7.87)
	-	**NSYSDCR200**	**NSYTJ4020**	**NSYSFPSC40**	**NSYAEFPFS3DW40**	-	-	-	-	400 (15.75)	400 (15.75)	200 (7.87)
	-	**NSYSDCR200**	**NSYTJ6020**	**NSYSFPSC60**	**NSYAEFPFS3DW60**	-	-	-	-	400 (15.75)	600 (23.62)	200 (7.87)
	-	**NSYSDCR250**	**NSYTJ6025**	**NSYSFPSC60**	**NSYAEFPFS3DW60**	-	-	-	-	400 (15.75)	600 (23.62)	250 (9.84)
	-	**NSYSDCR200**	**NSYTJ3020**	**NSYSFPSC30**	-	-	-	-	-	500 (19.69)	300 (11.81)	200 (7.87)
	NSYPIN54	**NSYSDCR200**	**NSYTJ4020**	**NSYSFPSC40**	**NSYAEFPFS3DW40**	-	-	-	-	500 (19.69)	400 (15.75)	200 (7.87)
	NSYPIN54	**NSYSDCR250**	**NSYTJ4025**	**NSYSFPSC40**	**NSYAEFPFS3DW40**	-	-	-	-	500 (19.69)	400 (15.75)	250 (9.84)
	-	**NSYSDCR200**	**NSYTJ5020**	**NSYSFPSC50**	-	-	-	-	-	500 (19.69)	500 (19.69)	200 (7.87)
	-	**NSYSDCR250**	**NSYTJ5025**	**NSYSFPSC50**	-	-	-	-	-	500 (19.69)	500 (19.69)	250 (9.84)
	NSYPIN64	**NSYSDCR200**	**NSYTJ4020**	**NSYSFPSC40**	**NSYAEFPFS3DW40**	-	-	-	-	600 (23.62)	400 (15.75)	200 (7.87)
	NSYPIN64	**NSYSDCR250**	**NSYTJ4025**	**NSYSFPSC40**	**NSYAEFPFS3DW40**	-	-	-	-	600 (23.62)	400 (15.75)	250 (9.84)
	-	**NSYSDCR200**	**NSYTJ5020**	**NSYSFPSC50**	-	-	-	-	-	600 (23.62)	500 (19.69)	200 (7.87)
	-	**NSYSDCR250**	**NSYTJ5025**	**NSYSFPSC50**	-	-	-	-	-	600 (23.62)	500 (19.69)	250 (9.84)
	-	**NSYSDCR200**	**NSYTJ6020**	**NSYSFPSC60**	**NSYAEFPFS3DW60**	-	-	-	-	600 (23.62)	600 (23.62)	200 (7.87)
	-	**NSYSDCR250**	**NSYTJ6025**	**NSYSFPSC60**	**NSYAEFPFS3DW60**	-	-	-	-	600 (23.62)	600 (23.62)	250 (9.84)
	-	**NSYSDCR300**	**NSYTJ6030**	**NSYSFPSC60**	**NSYAEFPFS3DW60**	**NSYSPF6100**	**NSYSPS3100SD**	**NSYSPF6200**	**NSYSPS3200SD**	600 (23.62)	600 (23.62)	300 (11.81)
	-	**NSYSDCR400**	**NSYTJ6040**	**NSYSFPSC60**	**NSYAEFPFS3DW60**	**NSYSPF6100**	**NSYSPS4100SD**	**NSYSPF6200**	**NSYSPS4200SD**	600 (23.62)	600 (23.62)	400 (15.75)
	-	**NSYSDCR300**	**NSYTJ8030**	**NSYSFPSC80**	**NSYAEFPFS3DW80**	**NSYSPF8100**	**NSYSPS3100SD**	**NSYSPF8200**	**NSYSPS3200SD**	600 (23.62)	800 (31.50)	300 (11.81)
	NSYPIN75	**NSYSDCR250**	**NSYTJ5025**	**NSYSFPSC50**	-	-	-	-	-	700 (27.56)	500 (19.69)	250 (9.84)
	NSYPIN86	**NSYSDCR200**	**NSYTJ6020**	**NSYSFPSC60**	**NSYAEFPFS3DW60**	-	-	-	-	800 (31.50)	600 (23.62)	200 (7.87)
	NSYPIN86	**NSYSDCR250**	**NSYTJ6025**	**NSYSFPSC60**	**NSYAEFPFS3DW60**	-	-	-	-	800 (31.50)	600 (23.62)	250 (9.84)
	NSYPIN86	**NSYSDCR300**	**NSYTJ6030**	**NSYSFPSC60**	**NSYAEFPFS3DW60**	**NSYSPF6100**	**NSYSPS3100SD**	**NSYSPF6200**	**NSYSPS3200SD**	800 (31.50)	600 (23.62)	300 (11.81)
	NSYPIN86	**NSYSDCR400**	**NSYTJ6040**	**NSYSFPSC60**	**NSYAEFPFS3DW60**	**NSYSPF6100**	**NSYSPS4100SD**	**NSYSPF6200**	**NSYSPS4200SD**	800 (31.50)	600 (23.62)	400 (15.75)
	-	**NSYSDCR200**	**NSYTJ8020**	**NSYSFPSC80**	**NSYAEFPFS3DW80**	-	-	-	-	800 (31.50)	800 (31.50)	200 (7.87)
	-	**NSYSDCR250**	**NSYTJ8025**	**NSYSFPSC80**	**NSYAEFPFS3DW80**	-	-	-	-	800 (31.50)	800 (31.50)	250 (9.84)
	-	**NSYSDCR300**	**NSYTJ8030**	**NSYSFPSC80**	**NSYAEFPFS3DW80**	**NSYSPF8100**	**NSYSPS3100SD**	**NSYSPF8200**	**NSYSPS3200SD**	800 (31.50)	800 (31.50)	300 (11.81)
	-	**NSYSDCR300**	**NSYTJ10030**	-	**NSYAEFPFS3DW100**	**NSYSPF10100**	**NSYSPS3100SD**	**NSYSPF10200**	**NSYSPS3200SD**	800 (31.50)	1000 (39.37)	300 (11.81)
	-	**NSYSDCR300**	**NSYTJ10030**	-	**NSYAEFPFS3DW100**	**NSYSPF10100**	**NSYSPS3100SD**	**NSYSPF10200**	**NSYSPS3200SD**	800 (31.50)	1000 (39.37)	300 (11.81)
	-	**NSYSDCR300** (8)	**NSYTJ12030**	-	-	-	-	-	-	800 (31.50)	1200 (47.24)	300 (11.81)
	-	**NSYSDCR300**	**NSYTJ8030**	**NSYSFPSC80**	**NSYAEFPFS3DW80**	**NSYSPF8100**	**NSYSPS3100SD**	**NSYSPF8200**	**NSYSPS3200SD**	900 (35.43)	800 (31.50)	300 (11.81)
	-	**NSYSDCR300**	-	-	-	-	-	-	-	900 (35.43)	900 (35.43)	300 (11.81)
	NSYPIN106	**NSYSDCR250**	**NSYTJ6025**	-	**NSYAEFPFS3DW60**	-	-	-	-	1000 (39.37)	600 (23.62)	250 (9.84)
	NSYPIN106	**NSYSDCR300**	**NSYTJ6030**	-	**NSYAEFPFS3DW60**	**NSYSPF6100**	**NSYSPS3100SD**	**NSYSPF6200**	**NSYSPS3200SD**	1000 (39.37)	600 (23.62)	300 (11.81)
	NSYPIN106	**NSYSDCR400**	**NSYTJ6040**	-	**NSYAEFPFS3DW60**	**NSYSPF6100**	**NSYSPS4100SD**	**NSYSPF6200**	**NSYSPS4200SD**	1000 (39.37)	600 (23.62)	400 (15.75)
	NSYPIN108	**NSYSDCR250**	**NSYTJ8025**	-	**NSYAEFPFS3DW80**	-	-	-	-	1000 (39.37)	800 (31.50)	250 (9.84)
	NSYPIN108	**NSYSDCR300**	**NSYTJ8030**	-	**NSYAEFPFS3DW80**	**NSYSPF8100**	**NSYSPS3100SD**	**NSYSPF8200**	**NSYSPS3200SD**	1000 (39.37)	800 (31.50)	300 (11.81)
	NSYPIN108	**NSYSDCR400**	**NSYTJ8040**	-	**NSYAEFPFS3DW80**	**NSYSPF8100**	**NSYSPS4100SD**	**NSYSPF8200**	**NSYSPS4200SD**	1000 (39.37)	800 (31.50)	400 (15.75)
	-	**NSYSDCR300**	**NSYTJ10030**	-	**NSYAEFPFS3DW100**	**NSYSPF10100**	**NSYSPS3100SD**	**NSYSPF10200**	**NSYSPS3200SD**	1000 (39.37)	1000 (39.37)	300 (11.81)
	-	**NSYSDCR300**	**NSYTJ10030**	-	**NSYAEFPFS3DW100**	**NSYSPF10100**	**NSYSPS3100SD**	**NSYSPF10200**	**NSYSPS3200SD**	1000 (39.37)	1000 (39.37)	300 (11.81)
	-	**NSYSDCR300** (8)	**NSYTJ12030**	-	-	**NSYSPF12100**	**NSYSPS3100SD**	**NSYSPF12200**	**NSYSPS3200SD**	1000 (39.37)	1200 (47.24)	300 (11.81)
	-	**NSYSDCR400** (8)	**NSYTJ12040**	-	-	**NSYSPF12100**	**NSYSPS4100SD**	**NSYSPF12200**	**NSYSPS4200SD**	1000 (39.37)	1200 (47.24)	400 (15.75)
	NSYPIN126	**NSYSDCR300**	**NSYTJ6030**	-	**NSYAEFPFS3DW60**	**NSYSPF6100**	**NSYSPS3100SD**	**NSYSPF6200**	**NSYSPS3200SD**	1200 (47.24)	600 (23.62)	300 (11.81)
	NSYPIN126	**NSYSDCR400**	**NSYTJ6040**	-	**NSYAEFPFS3DW60**	**NSYSPF6100**	**NSYSPS4100SD**	**NSYSPF6200**	**NSYSPS4200SD**	1200 (47.24)	600 (23.62)	400 (15.75)
	NSYPIN128	**NSYSDCR300**	**NSYTJ8030**	-	**NSYAEFPFS3DW80**	**NSYSPF8100**	**NSYSPS3100SD**	**NSYSPF8200**	**NSYSPS3200SD**	1200 (47.24)	800 (31.50)	300 (11.81)
	NSYPIN128	**NSYSDCR400**	**NSYTJ8040**	-	**NSYAEFPFS3DW80**	**NSYSPF8100**	**NSYSPS4100SD**	**NSYSPF8200**	**NSYSPS4200SD**	1200 (47.24)	800 (31.50)	400 (15.75)
	-	**NSYSDCR300**	**NSYTJ10030**	-	**NSYAEFPFS3DW100**	**NSYSPF10100**	**NSYSPS3100SD**	**NSYSPF10200**	**NSYSPS3200SD**	1200 (47.24)	1000 (39.37)	300 (11.81)
	-	**NSYSDCR300**	**NSYTJ10030**	-	**NSYAEFPFS3DW100**	**NSYSPF10100**	**NSYSPS3100SD**	**NSYSPF10200**	**NSYSPS3200SD**	1200 (47.24)	1000 (39.37)	300 (11.81)
	-	**NSYSDCR400**	**NSYTJ10040**	-	**NSYAEFPFS3DW100**	**NSYSPF10100**	**NSYSPS4100SD**	**NSYSPF10200**	**NSYSPS4200SD**	1200 (47.24)	1000 (39.37)	400 (15.75)
	-	**NSYSDCR300** (8)	**NSYTJ12030**	-	-	**NSYSPF12100**	**NSYSPS3100SD**	**NSYSPF12200**	**NSYSPS3200SD**	1200 (47.24)	1200 (47.24)	300 (11.81)
	-	**NSYSDCR400** (8)	**NSYTJ12040**	-	-	**NSYSPF12100**	**NSYSPS4100SD**	**NSYSPF12200**	**NSYSPS4200SD**	1200 (47.24)	1200 (47.24)	400 (15.75)
	-	**NSYSDCR300**	**NSYTJ10030**	-	**NSYAEFPFS3DW100**	**NSYSPF10100**	**NSYSPS3100SD**	**NSYSPF10200**	**NSYSPS3200SD**	1400 (55.12)	1000 (39.37)	300 (11.81)

(7) Also available in ventilated version with cable gland for widths of 600 and 800, see page 401.

(8) For the double mounting plates.

(9) To install the plinth to a wall-mounted enclosure, order ref. **NSYAPFWM**.

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

PanelSeT S3DC

Selection Table

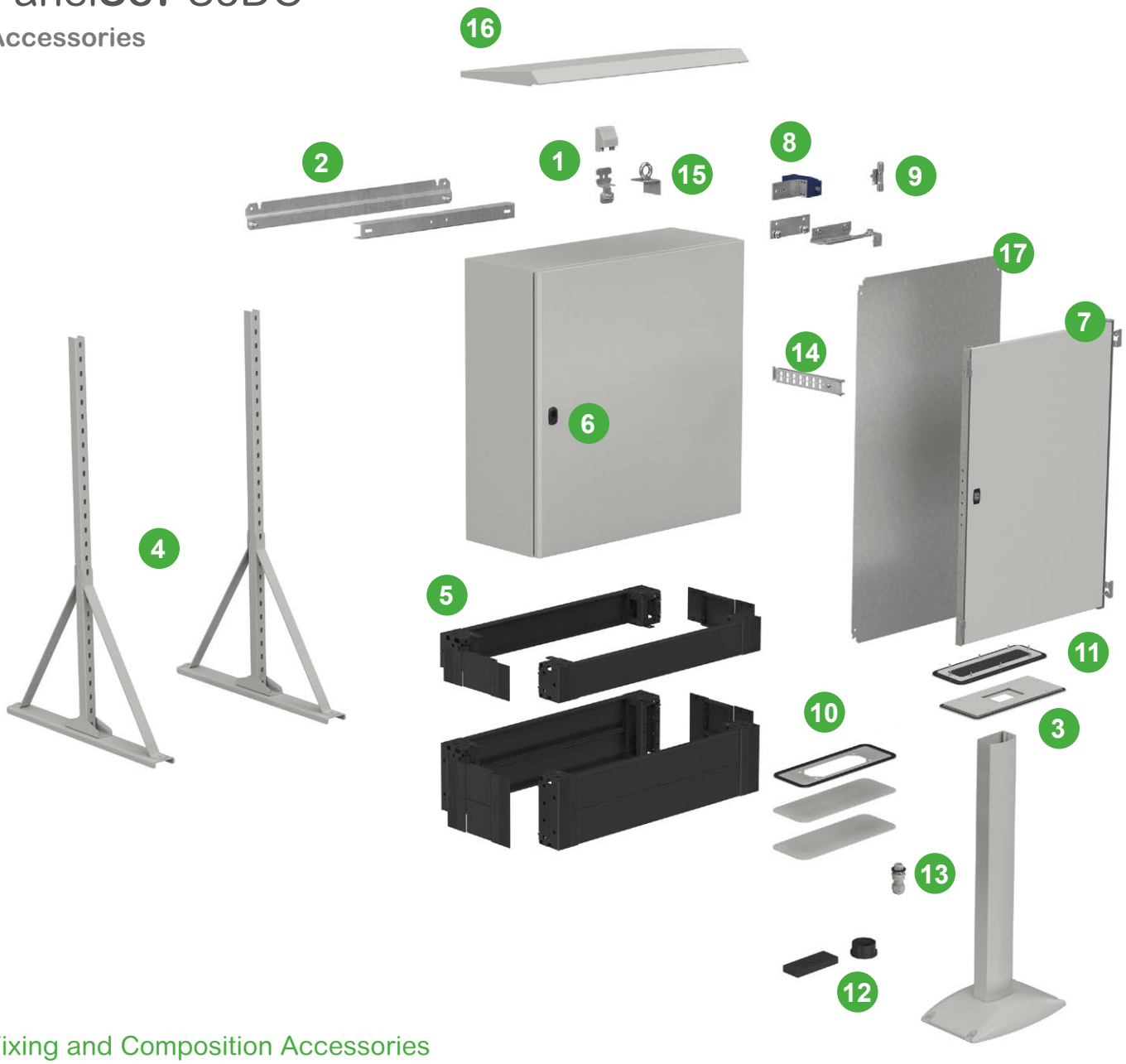
Dimensions mm (in.)			Composition accessories		
			 PB500331_15_nb	 PB500332_9_nb	 PB501821_9_nb
Height	**Width**	**Depth**	**Support pillar adaption plate**	**Support pillar**	**Support bracket for enclosure with anti-tilt kit and reinforcement 1400 mm (1)**
300 (11.81)	200 (7.87)	150 (5.91)	-	-	**NSYCOCNS1400**
300 (11.81)	250 (9.84)	150 (5.91)	-	-	**NSYCOCNS1400**
300 (11.81)	300 (11.81)	150 (5.91)	-	**NSYCOCN80**	**NSYCOCNS1400**
300 (11.81)	300 (11.81)	200 (7.87)	-	**NSYCOCN80**	**NSYCOCNS1400**
300 (11.81)	400 (15.75)	150 (5.91)	-	**NSYCOCN80**	**NSYCOCNS1400**
300 (11.81)	400 (15.75)	200 (7.87)	**NSYAEFP42S3D**	**NSYCOCN80**	**NSYCOCNS1400**
400 (15.75)	300 (11.81)	150 (5.91)	-	**NSYCOCN80**	**NSYCOCNS1400**
400 (15.75)	300 (11.81)	200 (7.87)	-	**NSYCOCN80**	**NSYCOCNS1400**
400 (15.75)	400 (15.75)	200 (7.87)	**NSYAEFP42S3D**	**NSYCOCN80**	**NSYCOCNS1400**
400 (15.75)	600 (23.62)	200 (7.87)	-	-	**NSYCOCNS1400**
400 (15.75)	600 (23.62)	250 (9.84)	-	-	**NSYCOCNS1400**
500 (19.69)	300 (11.81)	200 (7.87)	-	**NSYCOCN80**	**NSYCOCNS1400**
500 (19.69)	400 (15.75)	200 (7.87)	**NSYAEFP42S3D**	**NSYCOCN80**	**NSYCOCNS1400**
500 (19.69)	400 (15.75)	250 (9.84)	**NSYAEFP42S3D**	**NSYCOCN80**	**NSYCOCNS1400**
500 (19.69)	500 (19.69)	200 (7.87)	-	-	**NSYCOCNS1400**
500 (19.69)	500 (19.69)	250 (9.84)	-	-	**NSYCOCNS1400**
600 (23.62)	400 (15.75)	200 (7.87)	**NSYAEFP42S3D**	**NSYCOCN80**	**NSYCOCNS1400**
600 (23.62)	400 (15.75)	250 (9.84)	**NSYAEFP42S3D**	**NSYCOCN80**	**NSYCOCNS1400**
600 (23.62)	500 (19.69)	250 (9.84)	-	-	**NSYCOCNS1400**
600 (23.62)	600 (23.62)	200 (7.87)	-	-	**NSYCOCNS1400**
600 (23.62)	600 (23.62)	250 (9.84)	-	-	**NSYCOCNS1400**
600 (23.62)	600 (23.62)	300 (11.81)	-	-	**NSYCOCNS1400**
600 (23.62)	600 (23.62)	400 (15.75)	-	-	**NSYCOCNS1400**
600 (23.62)	800 (31.50)	300 (11.81)	-	-	**NSYCOCNS1400**
700 (27.56)	500 (19.69)	250 (9.84)	-	-	**NSYCOCNS1400**
800 (31.50)	600 (23.62)	200 (7.87)	-	-	**NSYCOCNS1400**
800 (31.50)	600 (23.62)	250 (9.84)	-	-	**NSYCOCNS1400**
800 (31.50)	600 (23.62)	300 (11.81)	-	-	**NSYCOCNS1400**
800 (31.50)	600 (23.62)	400 (15.75)	-	-	**NSYCOCNS1400**
800 (31.50)	800 (31.50)	250 (9.84)	-	-	**NSYCOCNS1400**
800 (31.50)	800 (31.50)	300 (11.81)	-	-	**NSYCOCNS1400**
800 (31.50)	1000 (39.37)	300 (11.81)	-	-	**NSYCOCNS1400**
800 (31.50)	1000 (39.37)	300 (11.81)	-	-	**NSYCOCNS1400**
800 (31.50)	1200 (47.24)	300 (11.81)	-	-	**NSYCOCNS1400**
1000 (39.37)	600 (23.62)	250 (9.84)	-	-	**NSYCOCNS1400**
1000 (39.37)	600 (23.62)	300 (11.81)	-	-	**NSYCOCNS1400**
1000 (39.37)	600 (23.62)	400 (15.75)	-	-	**NSYCOCNS1400**
1000 (39.37)	800 (31.50)	250 (9.84)	-	-	**NSYCOCNS1400**
1000 (39.37)	800 (31.50)	300 (11.81)	-	-	**NSYCOCNS1400**

(1) Available in version 1800 (70.87) mm (in.): ref. **NSYCOCNS1800**.

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Steel Wall-Mounted Enclosures
PanelSeT S3DC
Accessories



Fixing and Composition Accessories

1 Mounting lugs and covers for fixing brackets

See details p. 392

2 Full width fixing lugs and post fixing device

See details p. 393 and 399

3 Support pillar and adaptation plate

See details p. 398

4 Support brackets

See details p. 398

5 Plinths

See details p. 402

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Door Accessories

6



Inserts, keys, locks and handles

See details p. 444

7



Internal door

See details p. 438

8



Door switch and retainer

See details p. 451

9



Door hinges

See details p. 450

Cabling Accessories

10



Cable gland plates: standard, aluminum and cut-out

See details p. 414

11



Flexicable entries

See details p. 422

12



Multi cable entries; membranes, circular, rectangle, quick

See details p. 422

13



Cable glands

See details p. 428

Other Accessories

14



Mounting rail

See details p. 358

15



Eyebolts

See details p. 394

16



Canopy

See details p. 395

17



Mounting plates: plain, microperforated, telequick, bakelite, polyester

See details p. 345

> For more information consult the Accessories chapter **page 342**

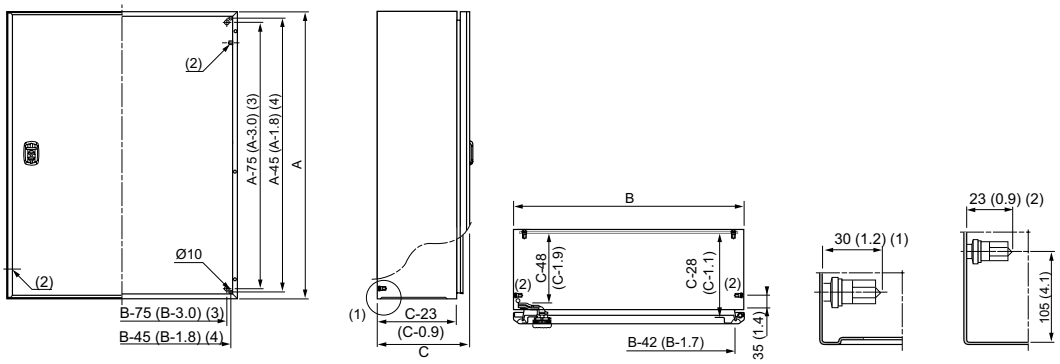
Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Steel Wall-Mounted Enclosures

Panel**SeT** S3DC

Dimensions

Single-Door Enclosure



A: Enclosure height
B: Enclosure width
C: Enclosure depth

1. 4 or 6 M8 x 25 mm (1.0 in.) backstuds with widths 1000 to 1200 mm (39.4 to 47.2 in.).
2. 2 M6 x 17.5 mm (0.7 in.) grounding studs.
3. Stud center-to-center distance.
4. Center-to-center distance of the holes for direct mounting.

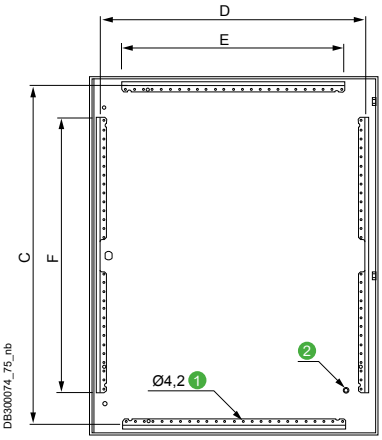
Comment:
The DXF diagrams can be downloaded from our websites.

Enclosure mm (in.)		**Cable gland plate**						
Width	**Depth**	**Dim.** mm (in.)	**Type**	**No.**	**J**	**K**	**L**	**References**
200 - 250 (7.87 - 9.84)	150 - 250 (5.91 - 9.84)	140 x 80 (5.51 x 3.15)	A	1	57 (2.24)	115 (4.53)	55 (2.17)	**NSYTLA**
300 - 400 (11.81 - 15.75)	150 (5.91)	245 x 80 (9.65 x 3.15)	B	1	57 (2.24)	220 (8.66)	55 (2.17)	**NSYTLB**
300 (11.81)	200 (7.87)	245 x 130 (9.65 x 5.12)	C	1	80 (3.15)	220 (8.66)	105 (4.13)	**NSYTLC**
400 (15.75)	200 - 250 (7.87 - 9.84)	345 x 130 (13.58 x 5.12)	D	1	80 (3.15)	320 (12.60)	105 (4.13)	**NSYTLD**
500 (19.69)	200 - 250 (7.87 - 9.84)	445 x 130 (17.52 x 5.12)	E	1	80 (3.15)	420 (16.54)	105 (4.13)	**NSYTLE**
600 (23.62)	200 - 250 (7.87 - 9.84)	545 x 130 (21.46 x 5.12)	F	1	80 (3.15)	520 (20.47)	105 (4.13)	**NSYTLF**
600 (23.62)	300 - 400 (11.81 - 15.75)	495 x 220 (19.49 x 8.66)	G	1	126* (4.96)	470 (18.50)	195 (7.68)	**NSYTLG**
800 (31.50)	250 - 300 - 400 (9.84 - 11.81 - 15.75)	345 x 130 (13.58 x 5.12)	D	2	95** (3.74)	320 (12.60)	105 (4.13)	2 x **NSYTLD**
1000 - 1200 (39.37 - 47.24)	300 - 400	445 x 130 (17.52 x 5.12)	E	2	95 (3.74)	420 (16.54)	105 (4.13)	2 x **NSYTLE**

* Except enclosure 1000 (39.37) x 600 (23.62) x 400 (15.75) mm (in.), J = 140 (5.12) mm (in.).
** Except enclosure 600 (23.62) x 800 (31.50) x 300 (11.81) mm (in.), J = 80 (3.15) mm (in.).

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Perforated Rails on Plain Door*



1 Perforations with 25 mm (1.0 in.) spacing.
2 1 M6 x 17.5 mm (0.7 in.) earthing stud.

* The glazed doors are equipped with a vertical cable guide on the hinge side.

Enclosure** mm (in.)		**Perforated rails on the door** mm (in.)				**Perforated rails on the double-door** mm (in.)				**Perforated rails on the internal door** mm (in.)			
Height	**Width**	**Vertical**		**Horizontal**		**Vertical**		**Horizontal**		**Vertical**		**Horizontal**	
		F	**D**	**E**	**C**	**F**	**D**	**E**	**C**	**F**	**D**	**E**	**C**
400 (15.75)	300 (11.81)	320 (12.60)	237 (9.33)	-	-	-	-	-	-	-	-	-	-
400 (15.75)	400 (15.75)	320 (12.60)	337 (13.27)	-	-	-	-	-	-	-	-	-	-
400 (15.75)	600 (23.62)	320 (12.60)	537 (21.14)	-	-	-	-	-	-	-	-	-	-
500 (19.69)	300 (11.81)	370 (14.57)	237 (9.33)	-	-	-	-	-	-	-	-	-	-
500 (19.69)	400 (15.75)	370 (14.57)	337 (13.27)	-	-	-	-	-	-	-	-	-	-
500 (19.69)	500 (19.69)	370 (14.57)	437 (17.20)	-	-	-	-	-	-	-	-	-	-
600 (23.62)	400 (15.75)	370 (14.57)	337 (13.27)	-	-	-	-	-	-	-	-	-	-
600 (23.62)	500 (19.69)	370 (14.57)	437 (17.20)	-	-	-	-	-	-	-	-	-	-
600 (23.62)	600 (23.62)	370 (14.57)	537 (21.14)	-	-	-	-	-	-	-	-	-	-
600 (23.62)	800 (31.50)	370 (14.57)	737 (29.02)	-	-	-	-	-	-	-	-	-	-
700 (27.56)	500 (19.69)	470 (18.50)	437 (17.20)	-	-	-	-	-	-	-	-	-	-
800 (31.50)	600 (23.62)	570 (22.44)	537 (21.14)	-	-	-	-	-	-	-	-	-	-
800 (31.50)	800 (31.50)	570 (22.44)	737 (29.02)	620 (24.41)	749 (29.49)	-	-	-	-	-	-	-	-
800 (31.50)	1000 (39.37)	570 (22.44)	937 (36.89)	820 (32.28)	749 (29.49)	570 (22.44)	437 (17.20)	320 (12.60)	749 (29.49)	620 (24.41)	437 (17.20)	320 (12.60)	749 (29.49)
800 (31.50)	1200 (47.24)	-	-	-	-	570 (22.44)	537 (21.14)	420 (16.54)	749 (29.49)	620 (24.41)	537 (21.14)	420 (16.54)	749 (29.49)
1000 (39.37)	600 (23.62)	770 (30.31)	537 (21.14)	420 (16.54)	949 (37.36)	-	-	-	-	-	-	-	-
1000 (39.37)	800 (31.50)	770 (30.31)	737 (29.02)	620 (24.41)	949 (37.36)	-	-	-	-	-	-	-	-
1000 (39.37)	1000 (39.37)	770 (30.31)	937 (36.89)	820 (32.28)	949 (37.36)	770 (30.31)	437 (17.20)	320 (12.60)	949 (37.36)	820 (32.28)	437 (17.20)	320 (12.60)	949 (37.36)
1000 (39.37)	1200 (47.24)	-	-	-	-	770 (30.31)	537 (21.14)	420 (16.54)	949 (37.36)	820 (32.28)	537 (21.14)	420 (16.54)	949 (37.36)
1200 (47.24)	600 (23.62)	970 (38.19)	537 (21.14)	420 (16.54)	1149 (45.24)	-	-	-	-	-	-	-	-
1200 (47.24)	800 (31.50)	970 (38.19)	737 (29.02)	620 (24.41)	1149 (45.24)	-	-	-	-	-	-	-	-
1200 (47.24)	1000 (39.37)	970 (38.19)	937 (36.89)	820 (32.28)	1149 (45.24)	970 (38.19)	437 (17.20)	320 (12.60)	1149 (45.24)	1020 (40.16)	437 (17.20)	320 (12.60)	1149 (45.24)
1200 (47.24)	1200 (47.24)	-	-	-	-	970 (38.19)	537 (21.14)	420 (16.54)	1149 (45.24)	1020 (40.16)	537 (21.14)	420 (16.54)	1149 (45.24)
1400 (55.12)	1000 (39.37)	-	-	-	-	970 (38.19)	437 (17.20)	320 (12.60)	1349 (53.11)	1020 (40.16)	437 (17.20)	320 (12.60)	1349 (53.11)

** The doors of enclosures with dimensions of less than 800 x 600 mm (31.5 x 23.6 in.) do not have horizontal cable guides.

Download the configuration sheets and DXF diagrams from www.se.com
Send them back to your local Schneider Electric office.
Take advantage of a shorter delivery time!

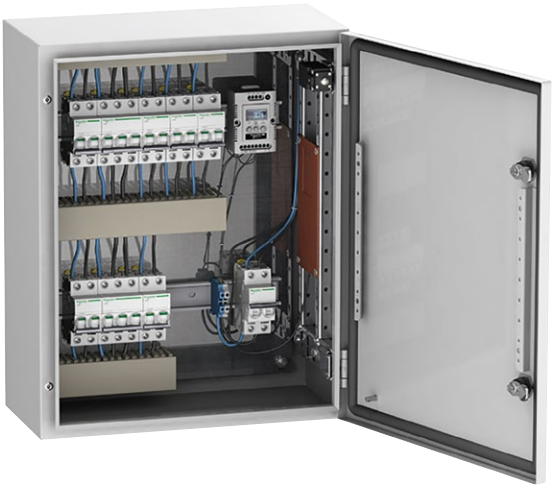
Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

PanelSeT S3DC

Mounting Options

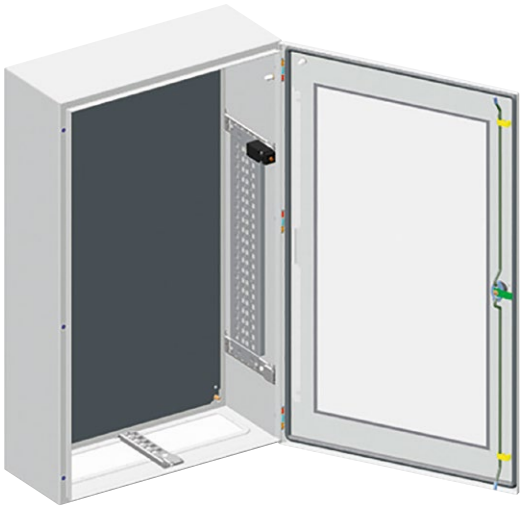
Mounting Rail

PB503346_51_nb



Quick-Fixing Cross-Rails

PB503372_33_nb



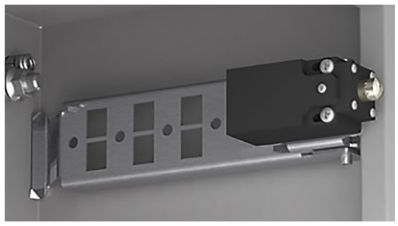
Ease of Installation

PB503347_30_nb



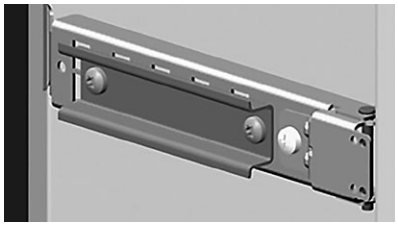
Door Switch Mounting Option

PB503370_38_nb



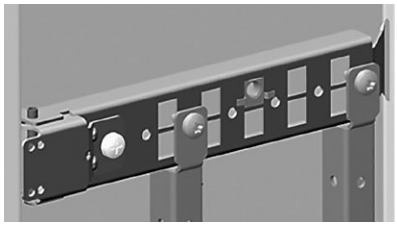
With Din Rail

PB503348_30_nb



With Light Cross-Rails and Cage Nut

PB503371_40_nb

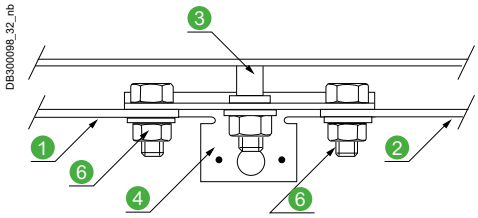


Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

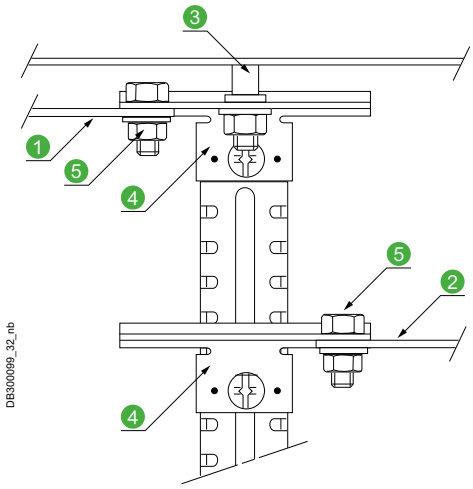
Installation of 2 Mounting Plates in the Enclosures with Width of 1000 (39.37) or 1200 (47.24) mm (in.) and Depth of 300 (11.81) or 400 (15.75) mm (in.)

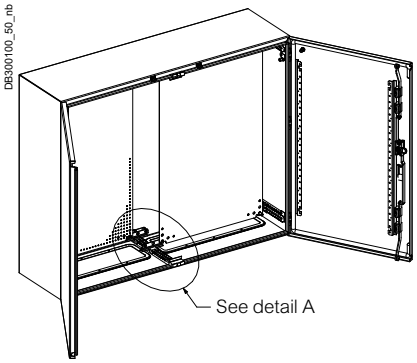


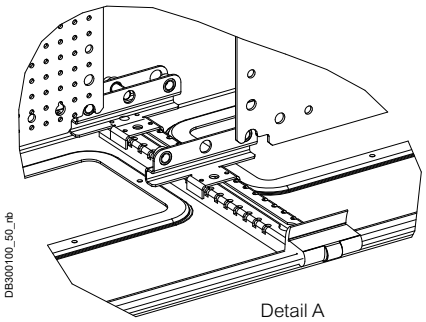
1 On the 6 backstuds.



2 Two offset mounting plates with depthwise adjustment





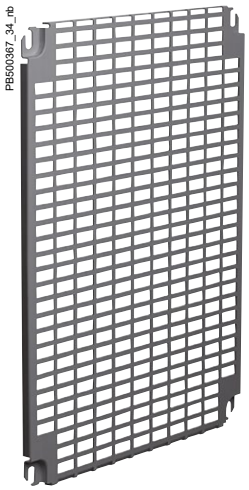


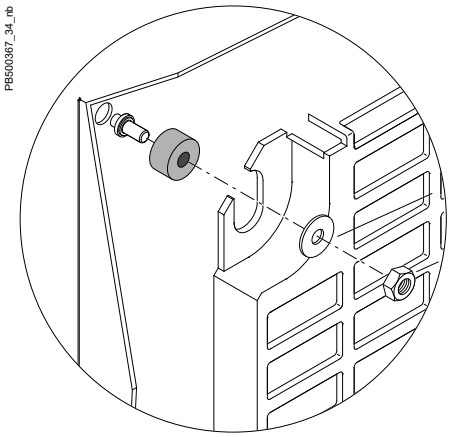
Detail A

1 Left mounting plate
2 Right mounting plate
3 Central backstud
4 Bracket ref. **NSYCRNGSDR** with 2 M8 x 20 mm (0.79 in.) screws
5 M8 x 20 mm (0.79 in.) screw

Installation of Telequick Mounting Plates

Spacers for raising the mounting plate in the enclosures equipped with 6 studs.





Reference **NSYEMR**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

PanelSeT S3DC

Mounting Options

Acceptable Loads on the Mounting Plates, Bases and Doors



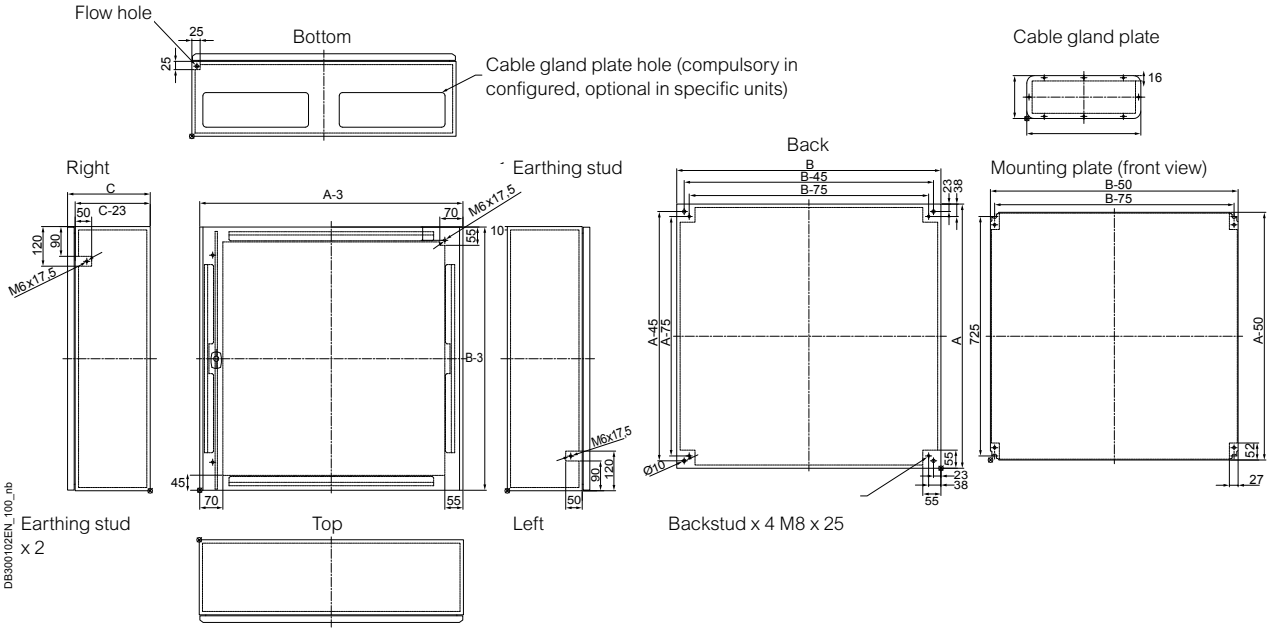
PanelSeT S3DC wall-mounted enclosures

Acceptable loads kg (lbs.)					
On plain mounting plates	On base	On door *	On vertical lug	On horizontal lug	References
60 (132.3)	135 (297.6)	50 (110.2)	350 (771.6)	190 (418.9)	**NSYS3D3215** to **NSYS3D5320**
90 (198.4)	135 (297.6)	50 (110.2)	350 (771.6)	190 (418.9)	**NSYS3D5420** to **NSYS3D6425**
135 (297.6)	135 (297.6)	50 (110.2)	350 (771.6)	190 (418.9)	**NSYS3D6620** to **NSYS3D8630**
150 (330.7)	135 (297.6)	50 (110.2)	350 (771.6)	190 (418.9)	**NSYS3D10625** to **NSYS3D10830**
180 (396.8)	135 (297.6)	50 (110.2)	350 (771.6)	190 (418.9)	**NSYS3D101030D** to **NSYS3D141030D**

* On a sheet door with a thickness of 20 (0.8)/10e mm (in.): 60 kg (132.3 lbs)of maximum acceptable load (please consult us).

Areas without Cut-Outs

Spacers for raising the mounting plate in the enclosures equipped with 6 studs.

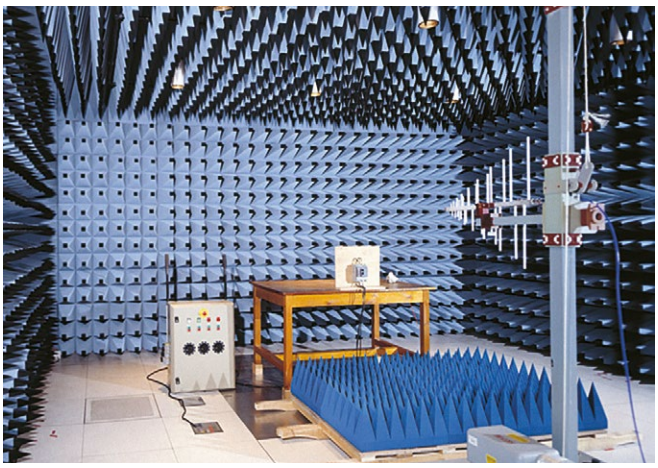


- For 800 (31.50), 1000 (39.37) and 1200 (47.24) mm (in.) widths, 2 cable gland plates: See previous page.
- Vertical cable guides from 400 mm (15.7 in.) height.
- Horizontal cable guides from 800 mm (31.5 in.) width.
- Download our DXF diagrams from our websites.

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

EMC Protection

PB500311_51_nb



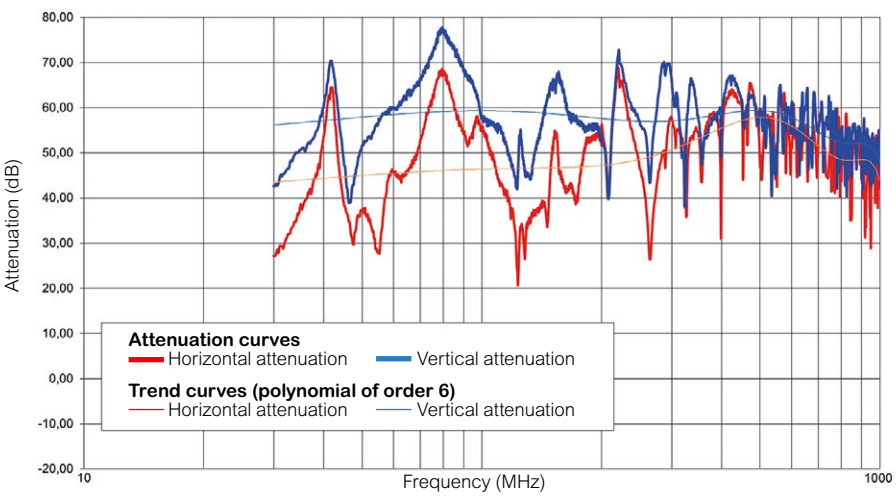
Standard PanelSeT S3DC enclosures are tested against electromagnetic interference. Since the enclosure is tested empty, it is advisable to rerun the tests with the enclosure completely equipped in its final configuration.

Earth braids to be ordered separately, see page 459.

Another solution and information on electromagnetic compatibility: PanelSeT S3HF enclosure, page 272.

Attenuation Curve of the PanelSeT S3DC Compared with the PanelSeT S3HF

DB301303_108_nb



PB501004_18_nb

Frequency: 3 - 13.2 Hz
Amplitude: 1 (0.04) mm (in.)/sec below 22 Hz
Frequency: 3 - 100 Hz
Acceleration: 0.7 g above 30 Hz

PB501005_16_nb

Vibration constraints
Specific construction of the PanelSeT S3DC - single-piece body (cross-shaped structure). The rear is flat without added parts - this allows it to comply with certain vibration constraints. The tests were conducted according to the "rules for ships" by "Det Norske Veritas". Enclosures labelled "DNV" have undergone these tests and obtained classification "A". Since the enclosure is tested empty, it is advisable to rerun the tests with the enclosure completely equipped in its final configuration.

Seismic constraint
The seismic behavior of the wall-mounted enclosure PanelSeT S3DC has been qualified according to MRI spectra "big material" specified in the standard IEC 60068-2-6 and IEC 60068-2-57 (see page 234 for more details).
Tested enclosure configuration:
- Plain door,
- Plain mounting plate with a load of 250 (551.2) kg (lbs)/m² uniformly distributed on the mounting plate,
- Fixing to the wall with M8 screws (tightening torque: 12 Nm ± 1 Nm).

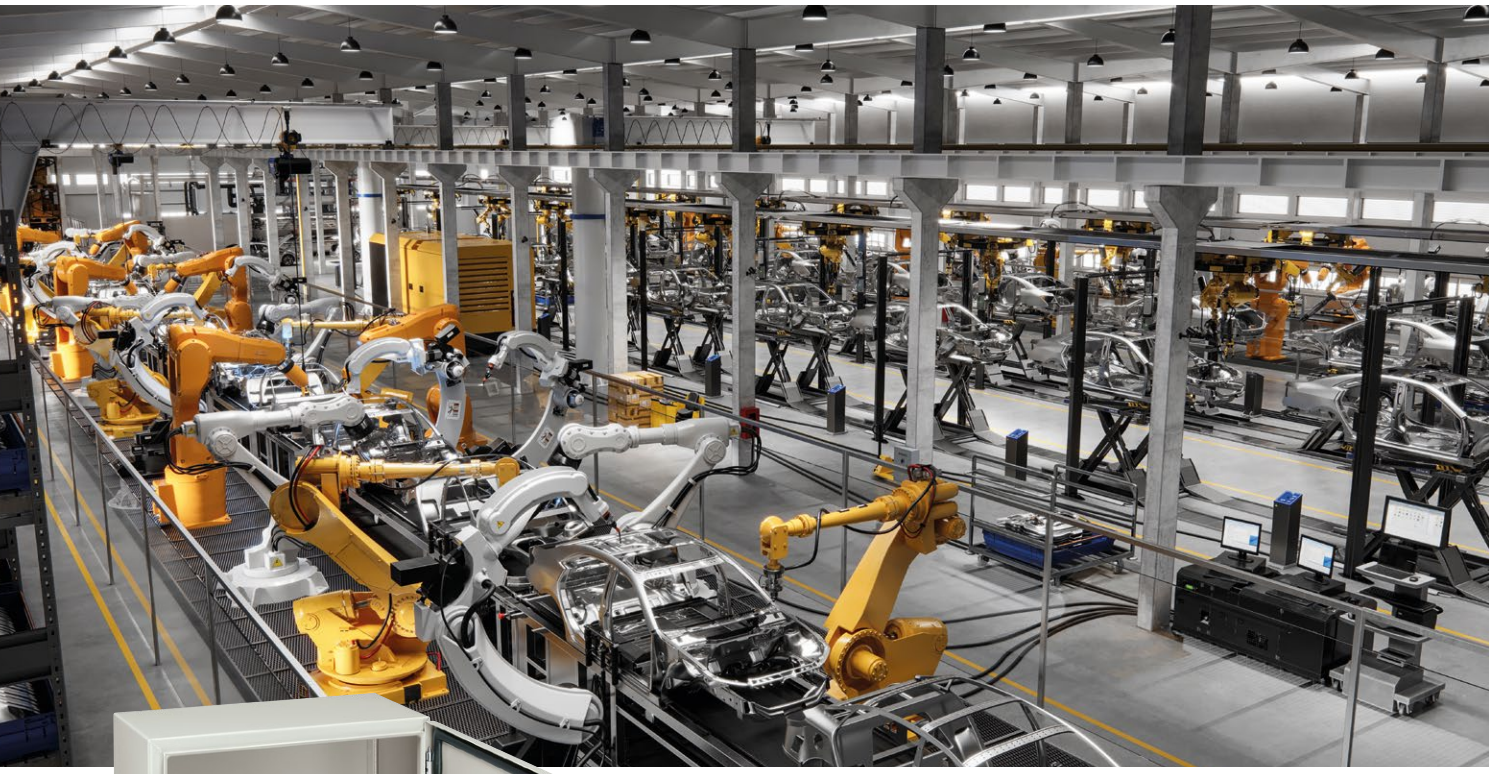
ATEX compliance
The PanelSeT S3DC enclosure (with adaptation) is ATEX-certified by the LCIE.

Environmental properties
Compliance with RoHS and REACH directives.

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

PanelSeT CRN

Introduction





The PanelSeT CRN Steel Wall-Mounting Enclosure is developed for indoor, non-clean industrial environments. It has a wide range of sizes suitable for use in industrial automation and control, electrical distribution, electronics, and industrial networks.

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.



Built to Last

- Industrial welding process
- Epoxy-polyester painting
- Molded polyurethane gasket
- Front folded gutter

These features help ensure quality as well as water and dust tightness over time.



Enhanced Safety

For people:

- Two welded M6 x 15 earth studs welded to the back and one M6 x 15 stud on the door

For your installation:

- Protection NEMA type 1/2/3/3R/4/5/12/13
- Water and dust tightness IP66
- Mechanical protection IK10 to help protect your components from external impact
- Concealed hinges to help prevent removal of the door



Smart

- Welded door reinforcement profile allowing the fixing of equipment in models from 500 (19.69) mm (in.) in height



Flexible

- Optional version with glazed door including tempered glass, providing IK08 protection against water and dust ingress



Ready to Assemble

- 4 or 6 welded M8 x 15 back studs with 10-mm (0.4 in.) collar for direct installation of mounting plate



Convenient

- Large embedded cable-entry plate with a neoprene gasket, flush with the back of the enclosure
- Two fixing options: direct or using the outside brackets

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

PanelSeT CRN

Characteristics

Characteristics	PanelSeT CRN
	 PB500369_68
	56 dimensions for this metal monobloc, 14 of them with three-point locking system. Back piece joined to the sides using a special profile forming a sealed area.
Material	Steel
Finish	Structured finish, epoxy-polyester powder
Color	RAL 7035 gray
Ingress protection rating	• IP66 for one-door enclosures according to IEC 60529 • IP55 for two-door enclosures according to IEC 60529
Mechanical protection rating	IK10 for plain door and IK08 for glazed door according to IEC 62262
Standard	Compliance with enclosure standard IEC 62208, and RoHS and REACH directives
Certifications **(see page 480)**	• UL (cULus) • Single-door: types 1, 2, 3, 3R, 4, 5, 12 and 13 Double-door: types 1, 12 and 13
Installation	Given their strength, metal enclosures are particularly well suited to indoor areas where they may experience impacts. Indoor and outdoor (where external fixing lugs are used).
Supply	**Body** • 4 holes for direct fixing • Wall-fixing drill holes sealed with plastic plugs to help ensure the degree of protection (supplied as standard) • Wall-fixing bracket fixed from outside (brackets to be ordered separately) • Direct cable entry • Built-in cable-entry plate, flush with the back of the enclosure (without foamed-in gasket to facilitate machining) • Insulated cable entries with knock-outs, available as an accessory • Easy to equip with 4 or 6 welded back studs shouldered 10 (0.4) mm (in.) **Door** • 3-mm (0.1 in.) double-bar lock as standard. (Wide choice of inserts as accessories and three-point locking system for heights from 1200 (47.24) mm (in.) and widths from 1000 (39.37) mm (in.) with standard 5-mm (0.2 in.) double-bar lock. Door-centering piece on two-door enclosures to help ensure proper door alignment) • Foamed-in polyurethane gasket on the doors to help guarantee water and dust tightness • Easily reversible door, fixed with two or three invisible metal hinges allowing the door to open to 120° • Reinforcement on plain doors with welded perforated door profiles for equipment fixing from models NSYCRN54150 • Welded earth studs on door and body • Delivered with a reusable packaging and technical instructions

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Steel Wall-Mounted Enclosures

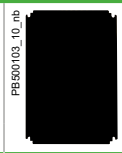
Panel**SeT** CRN

Selection Table

Dimensions mm (in.)						Enclosures			Mounting plates		
						 PB500096_13_nb		 PB500097_13_1_1_nb	 PB500072_13_nb	 PB500101_16_nb	 PB500102_15_nb
Height (A)	Width (B)	Depth (C)	Doors	IP	Weight kg (lbs.) (1)	with plain door, with mounting plate	with plain door, without mounting plate	with glazed door, without mounting plate	Plain	Microperforated	Telequick
200 (7.87)	200 (7.87)	150 (5.91)	1	66	2.5 (5.51)	-	**NSYCRN22150** (2)	-	**NSYMM22**	-	-
200 (7.87)	300 (11.81)	150 (5.91)	1	66	3.9 (8.60)	-	**NSYCRN23150** (2)	-	**NSYMM32**	**NSYMF32**	-
250 (9.84)	200 (7.87)	150 (5.91)	1	66	3.2 (7.05)	**NSYCRN252150P**	**NSYCRN252150**	-	**NSYMM2520**	-	-
300 (11.81)	250 (9.84)	150 (5.91)	1	66	4.2 (9.26)	**NSYCRN325150P**	**NSYCRN325150**	**NSYCRN325150T**	**NSYMM3025**	-	**NSYMR3025**
300 (11.81)	250 (9.84)	200 (7.87)	1	66	4.9 (10.80)	**NSYCRN325200P**	**NSYCRN325200**	**NSYCRN325200T**	**NSYMM3025**	-	**NSYMR3025**
300 (11.81)	300 (11.81)	150 (5.91)	1	66	5 (11.02)	**NSYCRN33150P**	**NSYCRN33150**	**NSYCRN33150T**	**NSYMM33**	**NSYMF33**	**NSYMR33**
300 (11.81)	300 (11.81)	200 (7.87)	1	66	6 (13.23)	**NSYCRN33200P**	**NSYCRN33200**	**NSYCRN33200T**	**NSYMM33**	**NSYMF33**	**NSYMR33**
300 (11.81)	400 (15.75)	200 (7.87)	1	66	6.4 (14.11)	-	**NSYCRN34200**	**NSYCRN34200T**	**NSYMM43**	**NSYMF43**	**NSYMR34**
300 (11.81)	450 (17.72)	150 (5.91)	1	66	6.7 (14.77)	-	**NSYCRN345150**	-	**NSYMM3045**	-	-
400 (15.75)	300 (11.81)	150 (5.91)	1	66	6 (13.23)	**NSYCRN43150P**	**NSYCRN43150**	**NSYCRN43150T**	**NSYMM43**	**NSYMF43**	**NSYMR43**
400 (15.75)	300 (11.81)	200 (7.87)	1	66	6.8 (14.99)	**NSYCRN43200P**	**NSYCRN43200**	**NSYCRN43200T**	**NSYMM43**	**NSYMF43**	**NSYMR43**
400 (15.75)	400 (15.75)	200 (7.87)	1	66	8 (17.64)	**NSYCRN44200P**	**NSYCRN44200**	**NSYCRN44200T**	**NSYMM44**	**NSYMF44**	**NSYMR44**
400 (15.75)	600 (23.62)	250 (9.84)	1	66	10 (22.05)	**NSYCRN46250P**	**NSYCRN46250**	**NSYCRN46250T**	**NSYMM64**	**NSYMF64**	**NSYMR46**
400 (15.75)	600 (23.62)	300 (11.81)	1	66	11.2 (24.69)	-	**NSYCRN46300**	-	**NSYMM64**	**NSYMF64**	**NSYMR46**
500 (19.69)	400 (15.75)	150 (5.91)	1	66	8.7 (19.18)	**NSYCRN54150P**	**NSYCRN54150**	**NSYCRN54150T**	**NSYMM54**	**NSYMF54**	**NSYMR54**
500 (19.69)	400 (15.75)	200 (7.87)	1	66	9.8 (21.61)	**NSYCRN54200P**	**NSYCRN54200**	**NSYCRN54200T**	**NSYMM54**	**NSYMF54**	**NSYMR54**
500 (19.69)	400 (15.75)	250 (9.84)	1	66	11 (24.25)	**NSYCRN54250P**	**NSYCRN54250**	**NSYCRN54250T**	**NSYMM54**	**NSYMF54**	**NSYMR54**
500 (19.69)	500 (19.69)	250 (9.84)	1	66	12.8 (28.22)	**NSYCRN55250P**	**NSYCRN55250**	**NSYCRN55250T**	**NSYMM55**	**NSYMF55**	**NSYMR55**
600 (23.62)	400 (15.75)	150 (5.91)	1	66	9.3 (20.50)	**NSYCRN64150P**	**NSYCRN64150**	**NSYCRN64150T**	**NSYMM64**	**NSYMF64**	**NSYMR64**
600 (23.62)	400 (15.75)	200 (7.87)	1	66	10.8 (23.81)	**NSYCRN64200P**	**NSYCRN64200**	**NSYCRN64200T**	**NSYMM64**	**NSYMF64**	**NSYMR64**
600 (23.62)	400 (15.75)	250 (9.84)	1	66	12.3 (27.12)	**NSYCRN64250P**	**NSYCRN64250**	**NSYCRN64250T**	**NSYMM64**	**NSYMF64**	**NSYMR64**
600 (23.62)	500 (19.69)	150 (5.91)	1	66	11.3 (24.91)	**NSYCRN65150P**	**NSYCRN65150**	-	**NSYMM65**	**NSYMF65**	**NSYMR65**
600 (23.62)	500 (19.69)	200 (7.87)	1	66	14.3 (31.53)	**NSYCRN65200P**	**NSYCRN65200**	**NSYCRN65200T**	**NSYMM65**	**NSYMF65**	**NSYMR65**
600 (23.62)	500 (19.69)	250 (9.84)	1	66	16.2 (35.71)	**NSYCRN65250P**	**NSYCRN65250**	**NSYCRN65250T**	**NSYMM65**	**NSYMF65**	**NSYMR65**
600 (23.62)	600 (23.62)	200 (7.87)	1	66	16.3 (35.94)	**NSYCRN66200P**	**NSYCRN66200**	**NSYCRN66200T**	**NSYMM66**	**NSYMF66**	**NSYMR66**
600 (23.62)	600 (23.62)	250 (9.84)	1	66	18.2 (40.12)	**NSYCRN66250P**	**NSYCRN66250**	**NSYCRN66250T**	**NSYMM66**	**NSYMF66**	**NSYMR66**
600 (23.62)	600 (23.62)	300 (11.81)	1	66	19.8 (43.65)	**NSYCRN66300P**	**NSYCRN66300**	**NSYCRN66300T**	**NSYMM66**	**NSYMF66**	**NSYMR66**
600 (23.62)	800 (31.50)	300 (11.81)	1	66	26 (57.32)	-	**NSYCRN68300**	**NSYCRN68300T**	**NSYMM86**	**NSYMF86**	**NSYMR68**
700 (27.56)	500 (19.69)	200 (7.87)	1	66	17.3 (38.14)	**NSYCRN75200P**	**NSYCRN75200**	**NSYCRN75200T**	**NSYMM75**	**NSYMF75**	**NSYMR75**
700 (27.56)	500 (19.69)	250 (9.84)	1	66	19.3 (42.55)	**NSYCRN75250P**	**NSYCRN75250**	**NSYCRN75250T**	**NSYMM75**	**NSYMF75**	**NSYMR75**
800 (31.50)	600 (23.62)	200 (7.87)	1	66	21.8 (48.06)	**NSYCRN86200P**	**NSYCRN86200**	**NSYCRN86200T**	**NSYMM86**	**NSYMF86**	**NSYMR86**
800 (31.50)	600 (23.62)	250 (9.84)	1	66	24.8 (54.67)	**NSYCRN86250P**	**NSYCRN86250**	**NSYCRN86250T**	**NSYMM86**	**NSYMF86**	**NSYMR86**
800 (31.50)	600 (23.62)	300 (11.81)	1	66	26.3 (57.98)	**NSYCRN86300P**	**NSYCRN86300**	**NSYCRN86300T**	**NSYMM86**	**NSYMF86**	**NSYMR86**
800 (31.50)	600 (23.62)	400 (15.75)	1	66	30 (66.14)	-	**NSYCRN86400**	**NSYCRN86400T**	**NSYMM86**	**NSYMF86**	**NSYMR86**
800 (31.50)	800 (31.50)	200 (7.87)	1	66	29.5 (65.04)	**NSYCRN88200P**	**NSYCRN88200**	-	**NSYMM88**	**NSYMF88**	**NSYMR88**
800 (31.50)	800 (31.50)	300 (11.81)	1	66	32.5 (71.65)	**NSYCRN88300P**	**NSYCRN88300**	**NSYCRN88300T**	**NSYMM88**	**NSYMF88**	**NSYMR88**
800 (31.50)	1000 (39.37)	300 (11.81)	2	55	40 (88.18)	-	**NSYCRN810300D**	-	**NSYMM108**	**NSYMF108**	**NSYMR810**
800 (31.50)	1200 (47.24)	300 (11.81)	2	55	46 (101.41)	-	**NSYCRN812300D**	-	**NSYMM128**	**NSYMF128**	2 x **NSYMR86** (4)
1000 (39.37)	600 (23.62)	250 (9.84)	1	66	28.4 (62.61)	**NSYCRN106250P**	**NSYCRN106250**	**NSYCRN106250T**	**NSYMM106**	**NSYMF106**	**NSYMR106**
1000 (39.37)	600 (23.62)	300 (11.81)	1	66	30.6 (67.46)	**NSYCRN106300P**	**NSYCRN106300**	**NSYCRN106300T**	**NSYMM106**	**NSYMF106**	**NSYMR106**
1000 (39.37)	600 (23.62)	400 (15.75)	1	66	36 (79.37)	-	**NSYCRN106400**	**NSYCRN106400T**	**NSYMM106**	**NSYMF106**	**NSYMR106**
1000 (39.37)	800 (31.50)	250 (9.84)	1	66	34.5 (76.06)	**NSYCRN108250P**	**NSYCRN108250**	**NSYCRN108250T**	**NSYMM108**	**NSYMF108**	**NSYMR108**
1000 (39.37)	800 (31.50)	300 (11.81)	1	66	37.4 (82.45)	**NSYCRN108300P**	**NSYCRN108300**	**NSYCRN108300T**	**NSYMM108**	**NSYMF108**	**NSYMR108**
1000 (39.37)	800 (31.50)	400 (15.75)	1	66	43 (94.80)	-	**NSYCRN108400**	**NSYCRN108400T**	**NSYMM108**	**NSYMF108**	**NSYMR108**
1000 (39.37)	1000 (39.37)	300 (11.81)	2 (3)	55	47 (103.62)	-	**NSYCRN1010300D**	**NSYCRN1010300T**	**NSYMM1010**	**NSYMF1010**	**NSYMR1010** (5)
1000 (39.37)	1200 (47.24)	300 (11.81)	2	55	55 (121.25)	-	**NSYCRN1012300D**	-	**NSYMM1210**	**NSYMF1210**	**NSYMR1012** (5)
1000 (39.37)	1200 (47.24)	400 (15.75)	2	55	60 (132.28)	-	**NSYCRN1012400D**	-	**NSYMM1210**	**NSYMF1210**	**NSYMR1012** (5)
1200 (47.24)	600 (23.62)	300 (11.81)	1	66	37 (81.57)	-	**NSYCRN126300**	**NSYCRN126300T**	**NSYMM126**	**NSYMF126**	**NSYMR126**
1200 (47.24)	600 (23.62)	400 (15.75)	1	66	42 (92.59)	-	**NSYCRN126400**	**NSYCRN126400T**	**NSYMM126**	**NSYMF126**	**NSYMR126**
1200 (47.24)	800 (31.50)	300 (11.81)	1	66	45 (99.21)	-	**NSYCRN128300**	**NSYCRN128300T**	**NSYMM128**	**NSYMF128**	**NSYMR128**
1200 (47.24)	800 (31.50)	400 (15.75)	1	66	50 (110.23)	-	**NSYCRN128400**	**NSYCRN128400T**	**NSYMM128**	**NSYMF128**	**NSYMR128**
1200 (47.24)	1000 (39.37)	300 (11.81)	2	55	56 (123.46)	-	**NSYCRN1210300D**	-	**NSYMM1210**	**NSYMF1210**	**NSYMR1210** (5)
1200 (47.24)	1000 (39.37)	400 (15.75)	2	55	61 (134.48)	-	**NSYCRN1210400D**	-	**NSYMM1210**	**NSYMF1210**	**NSYMR1210** (5)
1200 (47.24)	1200 (47.24)	300 (11.81)	2	55	64 (141.10)	-	**NSYCRN1212300D**	-	**NSYMM1212**	2 x NSYMF126 (4)	2 x **NSYMR126** (4)
1200 (47.24)	1200 (47.24)	400 (15.75)	2	55	90 (198.42)	-	**NSYCRN1212400D**	-	**NSYMM1212**	2 x NSYMF126 (4)	2 x **NSYMR126** (4)
1400 (55.12)	1000 (39.37)	300 (11.81)	2	55	80 (176.37)	-	**NSYCRN1410300D**	-	**NSYMM1410**	-	**NSYMR1410** (5)

(1) Enclosure without mounting plate.
(2) Two cable gland plates, one on the top, one on the bottom.
(3) Except glazed door in single-door.
(4) Order **NSYCRNSDR** to mount double mounting plate.
(5) Ref. **NSYEMR** mandatory.

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

			Cable entries				
					Dimensions mm (in.)		
	Bakelite	DIN rail chassis	Type of cable entry	Cable gland plate standard	Cable gland plate insulated	Height (A)	Width (B)	Depth (C)
	-	-	0	**NSYTLCRNO**	-	200 (7.87)	200 (7.87)	150 (5.91)
	NSYMB32	-	B	**NSYTLCRNB**	-	200 (7.87)	300 (11.81)	150 (5.91)
	-	-	0	**NSYTLCRNO**	-	250 (9.84)	200 (7.87)	150 (5.91)
	NSYMB3025	-	A	**NSYTLCRNA**	-	300 (11.81)	250 (9.84)	150 (5.91)
	NSYMB3025	-	A	**NSYTLCRNA**	-	300 (11.81)	250 (9.84)	200 (7.87)
	NSYMB33	**NSYMD33**	B	**NSYTLCRNB**	**NSYTSACRNB**	300 (11.81)	300 (11.81)	150 (5.91)
	NSYMB33	**NSYMD33**	B	**NSYTLCRNB**	**NSYTSACRNB**	300 (11.81)	300 (11.81)	200 (7.87)
	NSYMB43	-	C	**NSYTLCRNC**	**NSYTSACRNC**	300 (11.81)	400 (15.75)	200 (7.87)
	NSYMB43	-	B	**NSYTLCRNB**	**NSYTSACRNB**	300 (11.81)	450 (17.72)	150 (5.91)
	NSYMB43	**NSYMD43**	B	**NSYTLCRNB**	**NSYTSACRNB**	400 (15.75)	300 (11.81)	150 (5.91)
	NSYMB43	**NSYMD43**	B	**NSYTLCRNB**	**NSYTSACRNB**	400 (15.75)	300 (11.81)	200 (7.87)
	-	-	C	**NSYTLCRNC**	**NSYTSACRNC**	400 (15.75)	400 (15.75)	200 (7.87)
	NSYMB64	-	D	**NSYTLCRND**	**NSYTSACRND**	400 (15.75)	600 (23.62)	250 (9.84)
	NSYMB64	-	D	**NSYTLCRND**	**NSYTSACRND**	400 (15.75)	600 (23.62)	300 (11.81)
	NSYMB54	**NSYMD54**	B	**NSYTLCRNB**	**NSYTSACRNB**	500 (19.69)	400 (15.75)	150 (5.91)
	NSYMB54	**NSYMD54**	C	**NSYTLCRNC**	**NSYTSACRNC**	500 (19.69)	400 (15.75)	200 (7.87)
	NSYMB54	**NSYMD54**	C	**NSYTLCRNC**	**NSYTSACRNC**	500 (19.69)	400 (15.75)	250 (9.84)
	-	-	D	**NSYTLCRND**	**NSYTSACRND**	500 (19.69)	500 (19.69)	250 (9.84)
	NSYMB64	**NSYMD64**	B	**NSYTLCRNB**	**NSYTSACRNB**	600 (23.62)	400 (15.75)	150 (5.91)
	NSYMB64	**NSYMD64**	C	**NSYTLCRNC**	**NSYTSACRNC**	600 (23.62)	400 (15.75)	200 (7.87)
	NSYMB64	**NSYMD64**	C	**NSYTLCRNC**	**NSYTSACRNC**	600 (23.62)	400 (15.75)	250 (9.84)
	NSYMB65	-	B	**NSYTLCRNB**	**NSYTSACRNB**	600 (23.62)	500 (19.69)	150 (5.91)
	NSYMB65	-	D	**NSYTLCRND**	**NSYTSACRND**	600 (23.62)	500 (19.69)	200 (7.87)
	NSYMB65	-	D	**NSYTLCRND**	**NSYTSACRND**	600 (23.62)	500 (19.69)	250 (9.84)
	-	**NSYMD66**	D	**NSYTLCRND**	**NSYTSACRND**	600 (23.62)	600 (23.62)	200 (7.87)
	-	**NSYMD66**	D	**NSYTLCRND**	**NSYTSACRND**	600 (23.62)	600 (23.62)	250 (9.84)
	-	**NSYMD66**	D	**NSYTLCRND**	**NSYTSACRND**	600 (23.62)	600 (23.62)	300 (11.81)
	-	-	E	**NSYTLCRNC** (7)	**NSYTSACRNC**	600 (23.62)	800 (31.50)	300 (11.81)
	NSYMB75	**NSYMD75**	D	**NSYTLCRND**	**NSYTSACRND**	700 (27.56)	500 (19.69)	200 (7.87)
	NSYMB75	**NSYMD75**	D	**NSYTLCRND**	**NSYTSACRND**	700 (27.56)	500 (19.69)	250 (9.84)
	NSYMB86	**NSYMD86**	D	**NSYTLCRND**	**NSYTSACRND**	800 (31.50)	600 (23.62)	200 (7.87)
	NSYMB86	**NSYMD86**	D	**NSYTLCRND**	**NSYTSACRND**	800 (31.50)	600 (23.62)	250 (9.84)
	NSYMB86	**NSYMD86**	D	**NSYTLCRND**	**NSYTSACRND**	800 (31.50)	600 (23.62)	300 (11.81)
	NSYMB86	**NSYMD86**	D	**NSYTLCRND**	**NSYTSACRND**	800 (31.50)	600 (23.62)	400 (15.75)
	-	-	E	**NSYTLCRNC** (7)	**NSYTSACRNC** (8)	800 (31.50)	800 (31.50)	200 (7.87)
	-	-	E	**NSYTLCRNC** (7)	**NSYTSACRNC** (8)	800 (31.50)	800 (31.50)	300 (11.81)
	-	-	D	2 x **NSYTLCRND**	2 x **NSYTSACRND**	800 (31.50)	1000 (39.37)	300 (11.81)
	-	-	D	2 x **NSYTLCRND**	2 x **NSYTSACRND**	800 (31.50)	1200 (47.24)	300 (11.81)
	-	-	D	**NSYTLCRND**	**NSYTSACRND**	1000 (39.37)	600 (23.62)	250 (9.84)
	-	-	D	**NSYTLCRND**	**NSYTSACRND**	1000 (39.37)	600 (23.62)	300 (11.81)
	-	-	D	**NSYTLCRND**	**NSYTSACRND**	1000 (39.37)	600 (23.62)	400 (15.75)
	NSYMB108	**NSYMD108**	E	**NSYTLCRNC** (7)	**NSYTSACRNC** (8)	1000 (39.37)	800 (31.50)	250 (9.84)
	NSYMB108	**NSYMD108**	E	**NSYTLCRNC** (7)	**NSYTSACRNC** (8)	1000 (39.37)	800 (31.50)	300 (11.81)
	NSYMB108	**NSYMD108**	C	2 x **NSYTLCRNC**	2 x **NSYTSACRNC**	1000 (39.37)	800 (31.50)	400 (15.75)
	NSYMB1210	-	D	2 x **NSYTLCRND**	2 x **NSYTSACRND**	1000 (39.37)	1000 (39.37)	300 (11.81)
	NSYMB1210	-	D	2 x **NSYTLCRND**	2 x **NSYTSACRND**	1000 (39.37)	1200 (47.24)	300 (11.81)
	-	-	D	2 x **NSYTLCRND**	2 x **NSYTSACRND**	1000 (39.37)	1200 (47.24)	400 (15.75)
	-	-	D	**NSYTLCRND**	**NSYTSACRND**	1200 (47.24)	600 (23.62)	300 (11.81)
	-	-	D	**NSYTLCRND**	**NSYTSACRND**	1200 (47.24)	600 (23.62)	400 (15.75)
	-	**NSYMD128**	C	2 x **NSYTLCRNC**	2 x **NSYTSACRNC**	1200 (47.24)	800 (31.50)	300 (11.81)
	-	**NSYMD128**	C	2 x **NSYTLCRNC**	2 x **NSYTSACRNC**	1200 (47.24)	800 (31.50)	400 (15.75)
	NSYMB1210	-	D	2 x **NSYTLCRND**	2 x **NSYTSACRND**	1200 (47.24)	1000 (39.37)	300 (11.81)
	NSYMB1210	-	D	2 x **NSYTLCRND**	2 x **NSYTSACRND**	1200 (47.24)	1000 (39.37)	400 (15.75)
	-	-	D	2 x **NSYTLCRND**	2 x **NSYTSACRND**	1200 (47.24)	1200 (47.24)	300 (11.81)
	-	-	D	2 x **NSYTLCRND**	2 x **NSYTSACRND**	1200 (47.24)	1200 (47.24)	400 (15.75)
	-	-	D	2 x **NSYTLCRND**	2 x **NSYTSACRND**	1400 (55.12)	1000 (39.37)	300 (11.81)

(6) Order **NSYAMCSF**, **NSYMDVR12** in steel.
(7) With two holes.
(8) For flange openings type E, two **NSYTSACRNC** are required.
(9) Cable entry FlexiCable IP55

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Steel Wall-Mounted Enclosures

PanelSeT CRN

Selection Table

Dimensions mm (in.)				Electric distribution					
				 PB500152_33_nb	 PB500381_19_nb	 PB500382_16_nb	NSYCTL600DLM	NSYPMP500DLM	DB300118_13_nb
Height	Width	Depth	Doors	DLA insulated Distribution chassis	DL metal distribution chassis	DLM metal distribution chassis	Plain cover plate for DLM	Mounting plate for DLM	Blanking plate
200 (7.87)	200 (7.87)	150 (5.91)	1	-	-	-	-	-	-
200 (7.87)	300 (11.81)	150 (5.91)	1	-	-	-	-	-	-
250 (9.84)	200 (7.87)	150 (5.91)	1	-	-	-	-	-	-
300 (11.81)	250 (9.84)	150 (5.91)	1	-	**NSYDLCR18**	-	-	-	-
300 (11.81)	250 (9.84)	200 (7.87)	1	-	**NSYDLCR18**	-	-	-	-
300 (11.81)	300 (11.81)	150 (5.91)	1	-	-	-	-	-	-
300 (11.81)	300 (11.81)	200 (7.87)	1	-	-	-	-	-	-
300 (11.81)	400 (15.75)	200 (7.87)	1	-	-	-	-	-	-
300 (11.81)	450 (17.72)	150 (5.91)	1	-	-	-	-	-	-
400 (15.75)	300 (11.81)	150 (5.91)	1	**NSYDLA24G**	**NSYDLCR24**	**NSYDLM24**	-	-	**NSYATP72M**
400 (15.75)	300 (11.81)	200 (7.87)	1	**NSYDLA24G**	**NSYDLCR36**	**NSYDLM24**	-	-	**NSYATP72M**
400 (15.75)	400 (15.75)	200 (7.87)	1	-	**NSYDLCR24** (1)	-	-	-	-
400 (15.75)	600 (23.62)	250 (9.84)	1	-	**NSYDLCR36** (1)	-	-	-	-
400 (15.75)	600 (23.62)	300 (11.81)	1	-	-	-	-	-	-
500 (19.69)	400 (15.75)	150 (5.91)	1	**NSYDLA48G**	-	**NSYDLM48**	-	-	**NSYATP72M**
500 (19.69)	400 (15.75)	200 (7.87)	1	**NSYDLA48G**	-	**NSYDLM48**	-	-	**NSYATP72M**
500 (19.69)	400 (15.75)	250 (9.84)	1	**NSYDLA48G**	**NSYDLCR48**	**NSYDLM48**	-	-	**NSYATP72M**
500 (19.69)	500 (19.69)	250 (9.84)	1	-	**NSYDLCR48** (1)	-	-	-	-
600 (23.62)	400 (15.75)	150 (5.91)	1	**NSYDLA48PG**	-	**NSYDLM48P**	-	-	**NSYATP72M**
600 (23.62)	400 (15.75)	200 (7.87)	1	**NSYDLA48PG**	-	**NSYDLM48P**	-	-	**NSYATP72M**
600 (23.62)	400 (15.75)	250 (9.84)	1	**NSYDLA48PG**	**NSYDLCR64**	**NSYDLM48P**	-	-	**NSYATP72M**
600 (23.62)	500 (19.69)	150 (5.91)	1	-	**NSYDLCR64**	-	-	-	-
600 (23.62)	500 (19.69)	200 (7.87)	1	-	-	-	-	-	-
600 (23.62)	500 (19.69)	250 (9.84)	1	-	**NSYDLCR88**	-	-	-	-
600 (23.62)	600 (23.62)	200 (7.87)	1	-	**NSYDLCR88**	**NSYDLM84P**	**NSYCTL600DLM**	-	**NSYATP72M**
600 (23.62)	600 (23.62)	250 (9.84)	1	-	-	**NSYDLM84P**	**NSYCTL600DLM**	-	-
600 (23.62)	600 (23.62)	300 (11.81)	1	-	-	**NSYDLM84P**	**NSYCTL600DLM**	-	**NSYATP72M**
600 (23.62)	800 (31.50)	300 (11.81)	1	-	-	-	-	-	-
700 (27.56)	500 (19.69)	200 (7.87)	1	**NSYDLA66G / NSYDLA88G**	-	**NSYDLM66 / NSYDLM88**	**NSYCTL500DLM**	**NSYPMP500DLM**	**NSYATP72M**
700 (27.56)	500 (19.69)	250 (9.84)	1	**NSYDLA66G / NSYDLA88G**	-	**NSYDLM66 / NSYDLM88**	**NSYCTL500DLM**	**NSYPMP500DLM**	**NSYATP72M**
800 (31.50)	600 (23.62)	200 (7.87)	1	**NSYDLA84G / NSYDLA112G**	**NSYDLCR110**	**NSYDLM84 / NSYDLM112**	**NSYCTL600DLM**	**NSYPMP600DLM**	**NSYATP72M**
800 (31.50)	600 (23.62)	250 (9.84)	1	**NSYDLA84G / NSYDLA112G**	-	**NSYDLM84 / NSYDLM112**	**NSYCTL600DLM**	**NSYPMP600DLM**	**NSYATP72M**
800 (31.50)	600 (23.62)	300 (11.81)	1	**NSYDLA84G / NSYDLA112G**	**NSYDLCR135**	**NSYDLM84 / NSYDLM112**	**NSYCTL600DLM**	**NSYPMP600DLM**	**NSYATP72M**
800 (31.50)	600 (23.62)	400 (15.75)	1	**NSYDLA84G / NSYDLA112G**	-	**NSYDLM84 / NSYDLM112**	**NSYCTL600DLM**	**NSYPMP600DLM**	**NSYATP72M**
800 (31.50)	800 (31.50)	200 (7.87)	1	-	-	-	-	-	-
800 (31.50)	800 (31.50)	300 (11.81)	1	-	-	-	-	-	-
800 (31.50)	1000 (39.37)	300 (11.81)	2	-	-	-	-	-	-
800 (31.50)	1200 (47.24)	300 (11.81)	2	-	-	-	-	-	-
1000 (39.37)	600 (23.62)	250 (9.84)	1	-	-	**NSYDLM168**	**NSYCTL600DLM**	**NSYPMP600DLM**	**NSYATP72M**
1000 (39.37)	600 (23.62)	300 (11.81)	1	-	-	**NSYDLM168**	**NSYCTL600DLM**	**NSYPMP600DLM**	**NSYATP72M**
1000 (39.37)	600 (23.62)	400 (15.75)	1	-	-	**NSYDLM168**	**NSYCTL600DLM**	**NSYPMP600DLM**	**NSYATP72M**
1000 (39.37)	800 (31.50)	250 (9.84)	1	**NSYDLA234G**	-	**NSYDLM240**	**NSYCTL800DLM**	**NSYPMP800DLM**	**NSYATP72M**
1000 (39.37)	800 (31.50)	300 (11.81)	1	**NSYDLA234G**	-	**NSYDLM240**	**NSYCTL800DLM**	**NSYPMP800DLM**	**NSYATP72M**
1000 (39.37)	800 (31.50)	400 (15.75)	1	**NSYDLA234G**	-	**NSYDLM240**	**NSYCTL800DLM**	**NSYPMP800DLM**	**NSYATP72M**
1000 (39.37)	1000 (39.37)	300 (11.81)	2	-	-	-	-	-	-
1000 (39.37)	1200 (47.24)	300 (11.81)	2	-	-	-	-	-	-
1000 (39.37)	1200 (47.24)	400 (15.75)	2	-	-	-	-	-	-
1200 (47.24)	600 (23.62)	300 (11.81)	1	-	-	-	-	-	-
1200 (47.24)	600 (23.62)	400 (15.75)	1	-	-	-	-	-	-
1200 (47.24)	800 (31.50)	300 (11.81)	1	-	-	-	-	-	-
1200 (47.24)	800 (31.50)	400 (15.75)	1	-	-	-	-	-	-
1200 (47.24)	1000 (39.37)	300 (11.81)	2	-	-	-	-	-	-
1200 (47.24)	1000 (39.37)	400 (15.75)	2	-	-	-	-	-	-
1200 (47.24)	1200 (47.24)	300 (11.81)	2	-	-	-	-	-	-
1200 (47.24)	1200 (47.24)	400 (15.75)	2	-	-	-	-	-	-
1400 (55.12)	1000 (39.37)	300 (11.81)	2	-	-	-	-	-	-

(1) To install the plinth to a wall-mounted enclosure, order ref. **NSYAPFWM**.

- For other dimensions, see our application offer.

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Electronic and network		Plinths 100 mm (3.94 in.)		Plinths 200 mm (7.87 in.)		Installation system					
 PB500383_21_nb		 NSYSPF6100		 NSYSPF6200		 PB500328_12_nb	 PB500111_14_nb	 PB502979_5_nb			
									Dimensions mm (in.)		
Fixed 19" rack	Swing 19" rack	Single plinths side plate (1)	Single plinths front plate (1)	Single plinths side plate (1)	Single plinths front plate (1)	Internal door	Step slides	Wall-fixing lugs	Height	Width	Depth
-	-	-	-	-	-	-	-	NSYPFCR	200 (7.87)	200 (7.87)	150 (5.91)
-	-	-	-	-	-	-	-	NSYPFCR	200 (7.87)	300 (11.81)	150 (5.91)
-	-	-	-	-	-	-	-	NSYPFCR	250 (9.84)	200 (7.87)	150 (5.91)
-	-	-	-	-	-	-	-	NSYPFCR	300 (11.81)	250 (9.84)	150 (5.91)
-	-	-	-	-	-	-	NSYSDCR200	NSYPFCR	300 (11.81)	250 (9.84)	200 (7.87)
-	-	-	-	-	-	-	-	NSYPFCR	300 (11.81)	300 (11.81)	150 (5.91)
-	-	-	-	-	-	-	NSYSDCR200	NSYPFCR	300 (11.81)	300 (11.81)	200 (7.87)
-	-	-	-	-	-	-	NSYSDCR200	NSYPFCR	300 (11.81)	400 (15.75)	200 (7.87)
-	-	-	-	-	-	-	-	NSYPFCR	300 (11.81)	450 (17.72)	150 (5.91)
-	-	-	-	-	-	NSYPIN43	-	NSYPFCR	400 (15.75)	300 (11.81)	150 (5.91)
-	-	-	-	-	-	NSYPIN43	NSYSDCR200	NSYPFCR	400 (15.75)	300 (11.81)	200 (7.87)
-	-	-	-	-	-	-	NSYSDCR200	NSYPFCR	400 (15.75)	400 (15.75)	200 (7.87)
NSYVDM8UF	-	-	-	-	-	-	NSYSDCR250	NSYPFCR	400 (15.75)	600 (23.62)	250 (9.84)
NSYVDM8UF	-	NSYSPS3100SD	NSYSPF6100	NSYSPS3200SD	NSYSPF6200	-	NSYSDCR300	NSYPFCR	400 (15.75)	600 (23.62)	300 (11.81)
-	-	-	-	-	-	NSYPIN54	-	NSYPFCR	500 (19.69)	400 (15.75)	150 (5.91)
-	-	-	-	-	-	NSYPIN54	NSYSDCR200	NSYPFCR	500 (19.69)	400 (15.75)	200 (7.87)
-	-	-	-	-	-	NSYPIN54	NSYSDCR250	NSYPFCR	500 (19.69)	400 (15.75)	250 (9.84)
-	-	-	-	-	-	-	NSYSDCR250	NSYPFCR	500 (19.69)	500 (19.69)	250 (9.84)
-	-	-	-	-	-	NSYPIN64	-	NSYPFCR	600 (23.62)	400 (15.75)	150 (5.91)
-	-	-	-	-	-	NSYPIN64	NSYSDCR200	NSYPFCR	600 (23.62)	400 (15.75)	200 (7.87)
-	-	-	-	-	-	NSYPIN64	NSYSDCR250	NSYPFCR	600 (23.62)	400 (15.75)	250 (9.84)
-	-	-	-	-	-	-	-	NSYPFCR	600 (23.62)	500 (19.69)	150 (5.91)
-	-	-	-	-	-	-	NSYSDCR200	NSYPFCR	600 (23.62)	500 (19.69)	200 (7.87)
-	-	-	-	-	-	-	NSYSDCR250	NSYPFCR	600 (23.62)	500 (19.69)	250 (9.84)
NSYVDM12UF	NSYVDM11UP	-	-	-	-	-	NSYSDCR200	NSYPFCR	600 (23.62)	600 (23.62)	200 (7.87)
NSYVDM12UF	NSYVDM11UP	-	-	-	-	-	NSYSDCR250	NSYPFCR	600 (23.62)	600 (23.62)	250 (9.84)
NSYVDM12UF	NSYVDM11UP	NSYSPS3100SD	NSYSPF6100	NSYSPS3200SD	NSYSPF6200	-	NSYSDCR300	NSYPFCR	600 (23.62)	600 (23.62)	300 (11.81)
-	-	NSYSPS3100SD	NSYSPF8100	NSYSPS3200SD	NSYSPF8200	-	NSYSDCR300	NSYPFCR	600 (23.62)	800 (31.50)	300 (11.81)
-	-	-	-	-	-	NSYPIN75	NSYSDCR200	NSYPFCR	700 (27.56)	500 (19.69)	200 (7.87)
-	-	-	-	-	-	NSYPIN75	NSYSDCR250	NSYPFCR	700 (27.56)	500 (19.69)	250 (9.84)
NSYVDM17UF	-	-	-	-	-	NSYPIN86	NSYSDCR200	NSYPFCR	800 (31.50)	600 (23.62)	200 (7.87)
NSYVDM17UF	NSYVDM16UP	-	-	-	-	NSYPIN86	NSYSDCR250	NSYPFCR	800 (31.50)	600 (23.62)	250 (9.84)
NSYVDM17UF	NSYVDM16UP	NSYSPS3100SD	NSYSPF6100	NSYSPS3200SD	NSYSPF6200	NSYPIN86	NSYSDCR300	NSYPFCR	800 (31.50)	600 (23.62)	300 (11.81)
NSYVDM17UF	NSYVDM16UP	NSYSPS4100SD	NSYSPF6100	NSYSPS4200SD	NSYSPF6200	NSYPIN86	NSYSDCR400	NSYPFCR	800 (31.50)	600 (23.62)	400 (15.75)
-	-	-	-	-	-	-	NSYSDCR200	NSYPFCR	800 (31.50)	800 (31.50)	200 (7.87)
-	-	NSYSPS3100SD	NSYSPF8100	NSYSPS3200SD	NSYSPF8200	-	NSYSDCR300	NSYPFCR	800 (31.50)	800 (31.50)	300 (11.81)
-	-	NSYSPS3100SD	NSYSPF10100	NSYSPS3200SD	NSYSPF10200	-	NSYSDCR300	NSYPFCR	800 (31.50)	1000 (39.37)	300 (11.81)
-	-	NSYSPS3100SD	NSYSPF12100	NSYSPS3200SD	NSYSPF12200	-	NSYSDCR300	NSYPFCR	800 (31.50)	1200 (47.24)	300 (11.81)
NSYVDM21UF	NSYVDM20UP	-	-	-	-	NSYPIN106	NSYSDCR250	NSYPFCR	1000 (39.37)	600 (23.62)	250 (9.84)
NSYVDM21UF	NSYVDM20UP	NSYSPS3100SD	NSYSPF6100	NSYSPS3200SD	NSYSPF6200	NSYPIN106	NSYSDCR300	NSYPFCR	1000 (39.37)	600 (23.62)	300 (11.81)
NSYVDM21UF	NSYVDM20UP	NSYSPS4100SD	NSYSPF6100	NSYSPS4200SD	NSYSPF6200	NSYPIN106	NSYSDCR400	NSYPFCR	1000 (39.37)	600 (23.62)	400 (15.75)
-	NSYVDM20U8P	-	-	-	-	NSYPIN108	NSYSDCR250	NSYPFCR	1000 (39.37)	800 (31.50)	250 (9.84)
-	NSYVDM20U8P	NSYSPS3100SD	NSYSPF8100	NSYSPS3200SD	NSYSPF8200	NSYPIN108	NSYSDCR300	NSYPFCR	1000 (39.37)	800 (31.50)	300 (11.81)
-	NSYVDM20U8P	NSYSPS4100SD	NSYSPF8100	NSYSPS4200SD	NSYSPF8200	NSYPIN108	NSYSDCR400	NSYPFCR	1000 (39.37)	800 (31.50)	400 (15.75)
-	-	NSYSPS3100SD	NSYSPF10100	NSYSPS3200SD	NSYSPF10200	-	NSYSDCR300	NSYPFCR	1000 (39.37)	1000 (39.37)	300 (11.81)
-	-	NSYSPS3100SD	NSYSPF12100	NSYSPS3200SD	NSYSPF12200	-	NSYSDCR300	NSYPFCR	1000 (39.37)	1200 (47.24)	300 (11.81)
-	-	NSYSPS4100SD	NSYSPF12100	NSYSPS4200SD	NSYSPF12200	-	NSYSDCR400	NSYPFCR	1000 (39.37)	1200 (47.24)	400 (15.75)
-	-	NSYSPS3100SD	NSYSPF6100	NSYSPS3200SD	NSYSPF6200	NSYPIN126	NSYSDCR300	NSYPFCR	1200 (47.24)	600 (23.62)	300 (11.81)
-	-	NSYSPS4100SD	NSYSPF6100	NSYSPS4200SD	NSYSPF6200	NSYPIN126	NSYSDCR400	NSYPFCR	1200 (47.24)	600 (23.62)	400 (15.75)
-	NSYVDM25U8P	NSYSPS3100SD	NSYSPF8100	NSYSPS3200SD	NSYSPF8200	NSYPIN128	NSYSDCR300	NSYPFCR	1200 (47.24)	800 (31.50)	300 (11.81)
-	NSYVDM25U8P	NSYSPS4100SD	NSYSPF8100	NSYSPS4200SD	NSYSPF8200	NSYPIN128	NSYSDCR400	NSYPFCR	1200 (47.24)	800 (31.50)	400 (15.75)
-	-	NSYSPS3100SD	NSYSPF10100	NSYSPS3200SD	NSYSPF10200	-	NSYSDCR300	NSYPFCR	1200 (47.24)	1000 (39.37)	300 (11.81)
-	-	NSYSPS4100SD	NSYSPF10100	NSYSPS4200SD	NSYSPF10200	-	NSYSDCR400	NSYPFCR	1200 (47.24)	1000 (39.37)	400 (15.75)
-	-	NSYSPS3100SD	NSYSPF12100	NSYSPS3200SD	NSYSPF12200	-	NSYSDCR300	NSYPFCR	1200 (47.24)	1200 (47.24)	300 (11.81)
-	-	NSYSPS4100SD	NSYSPF12100	NSYSPS4200SD	NSYSPF12200	-	NSYSDCR400	NSYPFCR	1200 (47.24)	1200 (47.24)	400 (15.75)
-	-	NSYSPS3100SD	NSYSPF10100	NSYSPS3200SD	NSYSPF10200	-	NSYSDCR300	NSYPFCR	1400 (55.12)	1000 (39.37)	300 (11.81)

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Steel Wall-Mounted Enclosures

Panel**SeT** CRN

Selection Table

Dimensions mm (in.)			Installation system			
						
Height	**Width**	**Depth**	**Post-fixing device**	**Supporting pole**	**Canopies**	**Support bracket for enclosure with anti-tilt kit and reinforcement 1400 mm (55.12 in.) (2)**
200 (7.87)	200 (7.87)	150 (5.91)	-	-	-	**NSYCOCNS1400**
200 (7.87)	300 (11.81)	150 (5.91)	-	-	-	**NSYCOCNS1400**
250 (9.84)	200 (7.87)	150 (5.91)	-	-	**NSYTJ2015**	**NSYCOCNS1400**
300 (11.81)	250 (9.84)	150 (5.91)	-	**NSYCOCN80**	-	**NSYCOCNS1400**
300 (11.81)	250 (9.84)	200 (7.87)	-	**NSYCOCN80**	-	**NSYCOCNS1400**
300 (11.81)	300 (11.81)	150 (5.91)	**NSYSFPSC30**	**NSYCOCN80**	**NSYTJ3015**	**NSYCOCNS1400**
300 (11.81)	300 (11.81)	200 (7.87)	**NSYSFPSC30**	**NSYCOCN80**	**NSYTJ3020**	**NSYCOCNS1400**
300 (11.81)	400 (15.75)	200 (7.87)	**NSYSFPSC40**	**NSYCOCN80**	**NSYTJ4020**	**NSYCOCNS1400**
300 (11.81)	450 (17.72)	150 (5.91)	-	-	-	**NSYCOCNS1400**
400 (15.75)	300 (11.81)	150 (5.91)	**NSYSFPSC30**	**NSYCOCN80**	**NSYTJ3015**	**NSYCOCNS1400**
400 (15.75)	300 (11.81)	200 (7.87)	**NSYSFPSC30**	**NSYCOCN80**	**NSYTJ3020**	**NSYCOCNS1400**
400 (15.75)	400 (15.75)	200 (7.87)	**NSYSFPSC40**	**NSYCOCN80**	**NSYTJ4020**	**NSYCOCNS1400**
400 (15.75)	600 (23.62)	250 (9.84)	**NSYSFPSC60**	**NSYCOCN80**	**NSYTJ6025**	**NSYCOCNS1400**
400 (15.75)	600 (23.62)	300 (11.81)	**NSYSFPSC60**	**NSYCOCN80**	**NSYTJ6030**	**NSYCOCNS1400**
500 (19.69)	400 (15.75)	150 (5.91)	**NSYSFPSC40**	**NSYCOCN80**	**NSYTJ4015**	**NSYCOCNS1400**
500 (19.69)	400 (15.75)	200 (7.87)	**NSYSFPSC40**	**NSYCOCN80**	**NSYTJ4020**	**NSYCOCNS1400**
500 (19.69)	400 (15.75)	250 (9.84)	**NSYSFPSC40**	**NSYCOCN80**	**NSYTJ4025**	**NSYCOCNS1400**
500 (19.69)	500 (19.69)	250 (9.84)	**NSYSFPSC50**	**NSYCOCN80**	**NSYTJ5025**	**NSYCOCNS1400**
600 (23.62)	400 (15.75)	150 (5.91)	**NSYSFPSC40**	**NSYCOCN80**	**NSYTJ4015**	**NSYCOCNS1400**
600 (23.62)	400 (15.75)	200 (7.87)	**NSYSFPSC40**	**NSYCOCN80**	**NSYTJ4020**	**NSYCOCNS1400**
600 (23.62)	400 (15.75)	250 (9.84)	**NSYSFPSC40**	**NSYCOCN80**	**NSYTJ4025**	**NSYCOCNS1400**
600 (23.62)	500 (19.69)	150 (5.91)	**NSYSFPSC50**	**NSYCOCN80**	-	**NSYCOCNS1400**
600 (23.62)	500 (19.69)	200 (7.87)	**NSYSFPSC50**	**NSYCOCN80**	**NSYTJ5020**	**NSYCOCNS1400**
600 (23.62)	500 (19.69)	250 (9.84)	**NSYSFPSC50**	**NSYCOCN80**	**NSYTJ5025**	**NSYCOCNS1400**
600 (23.62)	600 (23.62)	200 (7.87)	**NSYSFPSC60**	**NSYCOCN80**	**NSYTJ6020**	**NSYCOCNS1400**
600 (23.62)	600 (23.62)	250 (9.84)	**NSYSFPSC60**	**NSYCOCN80**	**NSYTJ6025**	**NSYCOCNS1400**
600 (23.62)	600 (23.62)	300 (11.81)	**NSYSFPSC60**	**NSYCOCN80**	**NSYTJ6030**	**NSYCOCNS1400**
600 (23.62)	800 (31.50)	300 (11.81)	**NSYSFPSC80**	-	**NSYTJ8030**	**NSYCOCNS1400**
700 (27.56)	500 (19.69)	200 (7.87)	**NSYSFPSC50**	**NSYCOCN80**	**NSYTJ5020**	**NSYCOCNS1400**
700 (27.56)	500 (19.69)	250 (9.84)	**NSYSFPSC50**	**NSYCOCN80**	**NSYTJ5025**	**NSYCOCNS1400**
800 (31.50)	600 (23.62)	200 (7.87)	**NSYSFPSC60**	**NSYCOCN80**	**NSYTJ6020**	**NSYCOCNS1400**
800 (31.50)	600 (23.62)	250 (9.84)	**NSYSFPSC60**	**NSYCOCN80**	**NSYTJ6025**	**NSYCOCNS1400**
800 (31.50)	600 (23.62)	300 (11.81)	**NSYSFPSC60**	**NSYCOCN80**	**NSYTJ6030**	**NSYCOCNS1400**
800 (31.50)	600 (23.62)	400 (15.75)	**NSYSFPSC60**	-	**NSYTJ6040**	-
800 (31.50)	800 (31.50)	200 (7.87)	**NSYSFPSC80**	-	-	**NSYCOCNS1400**
800 (31.50)	800 (31.50)	300 (11.81)	**NSYSFPSC80**	-	**NSYTJ8030**	**NSYCOCNS1400**
800 (31.50)	1000 (39.37)	300 (11.81)	-	-	**NSYTJ10030**	-
800 (31.50)	1200 (47.24)	300 (11.81)	-	-	**NSYTJ12030**	-
1000 (39.37)	600 (23.62)	250 (9.84)	-	**NSYCOCN80**	**NSYTJ6025**	**NSYCOCNS1400**
1000 (39.37)	600 (23.62)	300 (11.81)	-	**NSYCOCN80**	**NSYTJ6030**	**NSYCOCNS1400**
1000 (39.37)	600 (23.62)	400 (15.75)	-	-	**NSYTJ6040**	-
1000 (39.37)	800 (31.50)	250 (9.84)	-	-	**NSYTJ8025**	**NSYCOCNS1400**
1000 (39.37)	800 (31.50)	300 (11.81)	-	-	**NSYTJ8030**	**NSYCOCNS1400**
1000 (39.37)	800 (31.50)	400 (15.75)	-	-	**NSYTJ8040**	-
1000 (39.37)	1000 (39.37)	300 (11.81)	-	-	**NSYTJ10030**	-
1000 (39.37)	1200 (47.24)	300 (11.81)	-	-	**NSYTJ12030**	-
1000 (39.37)	1200 (47.24)	400 (15.75)	-	-	**NSYTJ12040**	-
1200 (47.24)	600 (23.62)	300 (11.81)	-	-	**NSYTJ6030**	-
1200 (47.24)	600 (23.62)	400 (15.75)	-	-	**NSYTJ6040**	-
1200 (47.24)	800 (31.50)	300 (11.81)	-	-	**NSYTJ8030**	-
1200 (47.24)	800 (31.50)	400 (15.75)	-	-	**NSYTJ8040**	-
1200 (47.24)	1000 (39.37)	300 (11.81)	-	-	**NSYTJ10030**	-
1200 (47.24)	1000 (39.37)	400 (15.75)	-	-	**NSYTJ10040**	-
1200 (47.24)	1200 (47.24)	300 (11.81)	-	-	**NSYTJ12030**	-
1200 (47.24)	1200 (47.24)	400 (15.75)	-	-	**NSYTJ12040**	-
1400 (55.12)	1000 (39.37)	300 (11.81)	-	-	**NSYTJ10030**	-

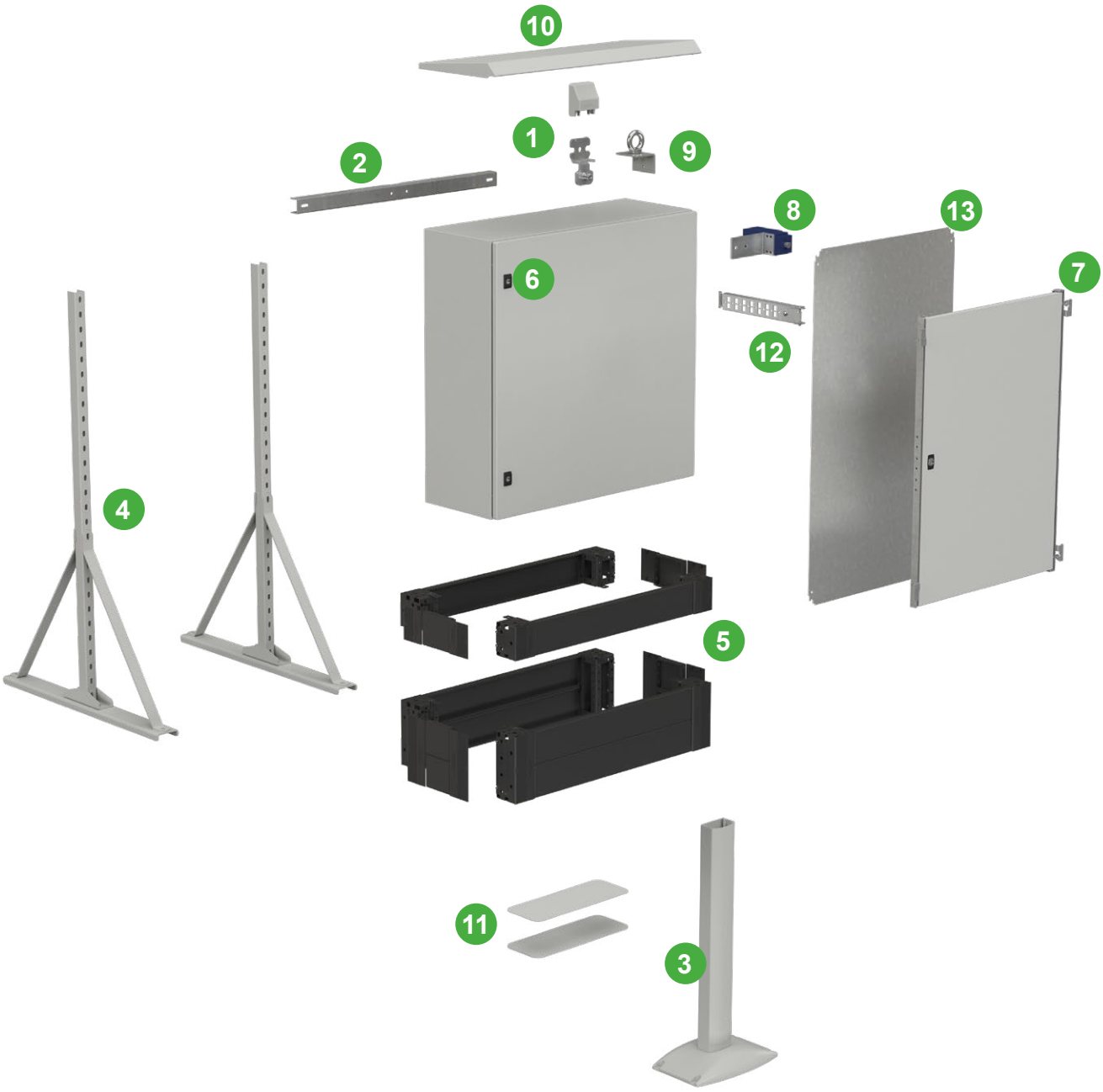
(1) 2 coupling plates and supporting poles are required.
(2) Available in version 1800 (70.87) mm (in.): Ref. **NSYCOCNS1800**.

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

PanelSeT CRN

Accessories



Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Fixing and Composition Accessories

1



Mounting lugs and covers for fixing brackets

See details p. 392

2



Post fixing device

See details p. 399

3



Support pillar

See details p. 398

4



Support brackets

See details p. 398

5



Plinths

See details p. 402

Door Accessories

6



Inserts, keys, locks and handles

See details p. 449

7



Internal door

See details p. 438

8



Door switch and retainer

See details p. 451

Other Accessories

9



Eyebolts

See details p. 394

10



Canopy

See details p. 395

11



Gland plates: standard and insulated

See details p. 414/415

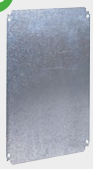
12



Mounting rail

See details p. 358

13



Mounting plates: plain, microperforated, telequick, bakelite, polyester

See details p. 345

> For more information consult the Accessories chapter **page 342**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Steel Wall-Mounted Enclosures

Panel**SeT** CRN

Dimensions

Fig. 1

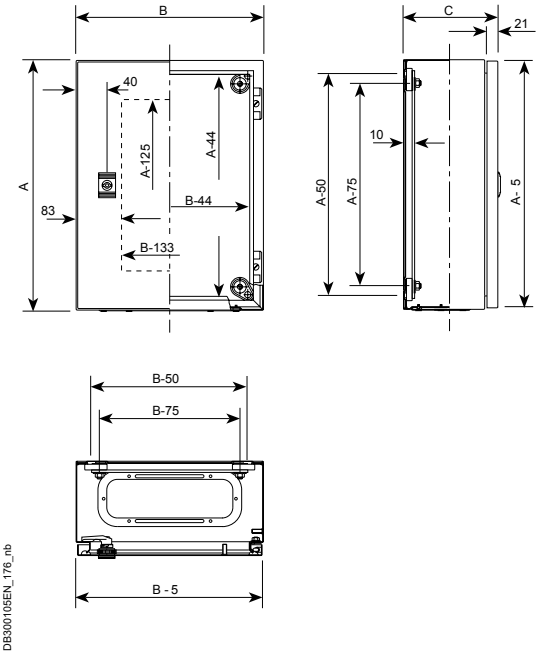
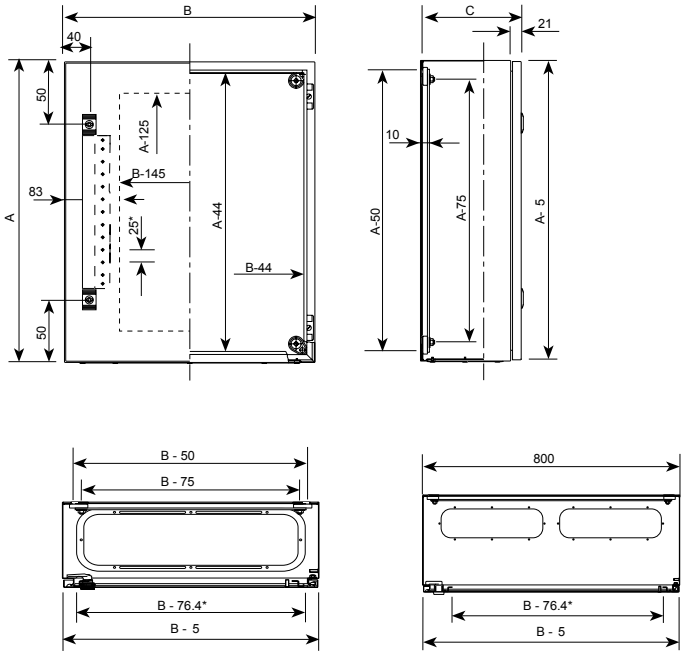
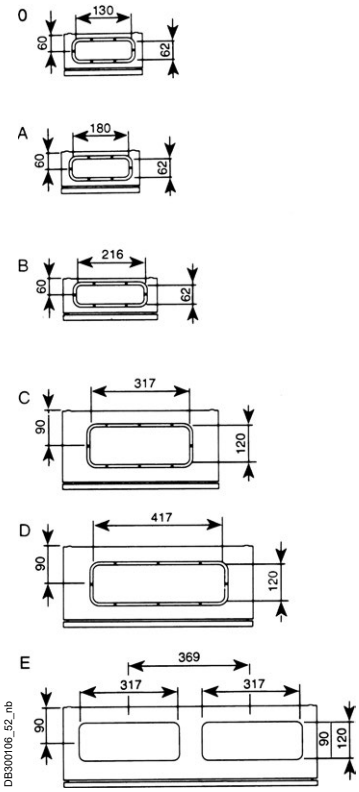


Fig. 2



A: Enclosure height
B: Enclosure width
C: Enclosure depth

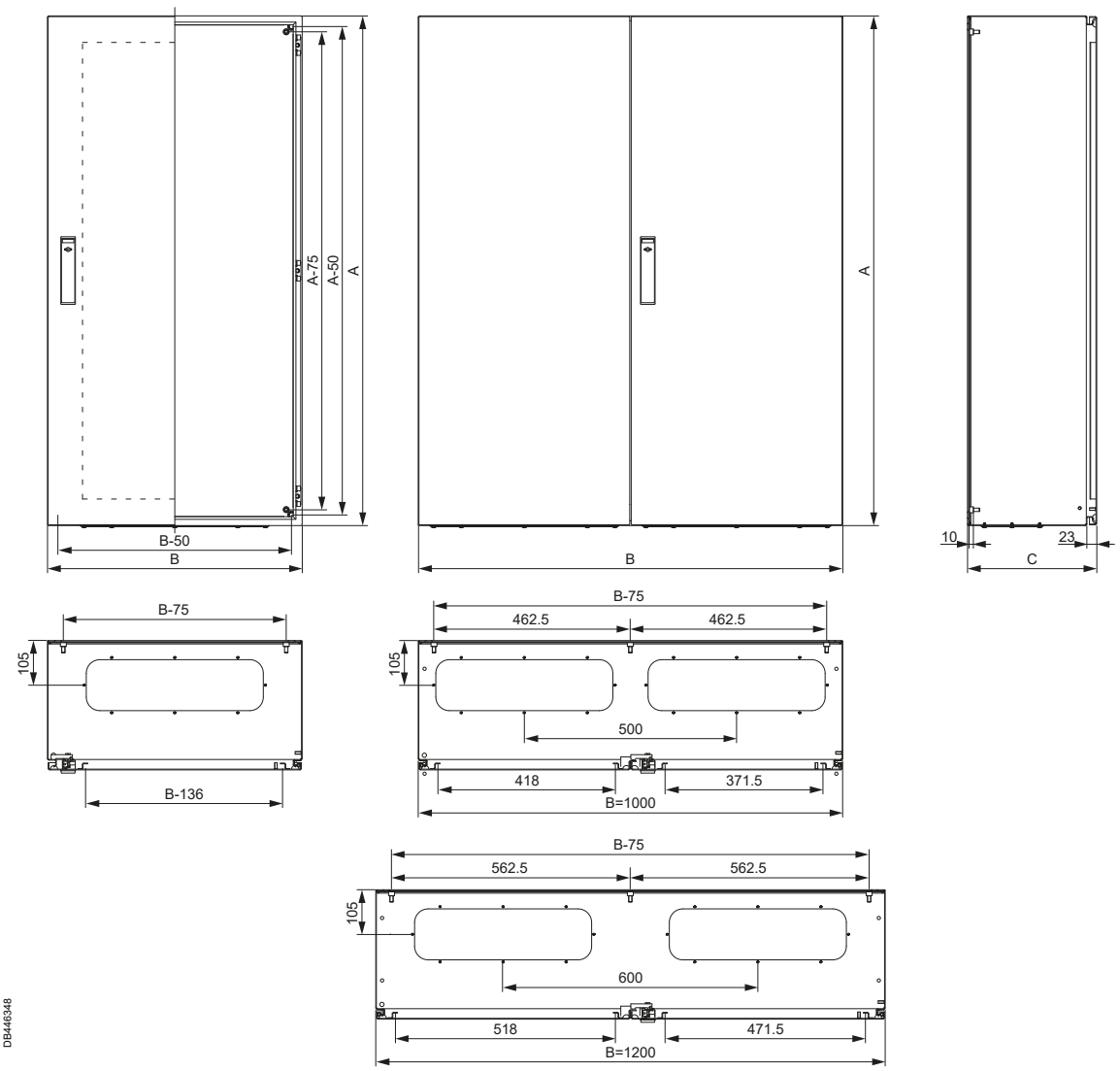
Panel**SeT** CRN Cable Entry Dimensions and Type



None of the glazed-door enclosures have door reinforcement profiles.

Our diagrams and technical instruction sheets can be downloaded from our websites.

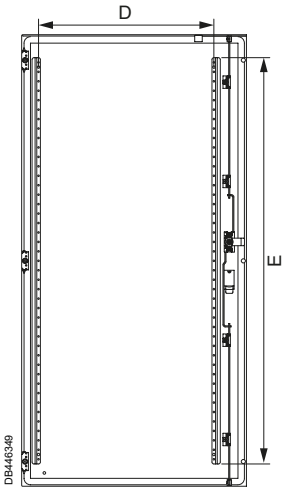
Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.



Dimensions of the Door-Reinforcement Profiles, the T Doors Only Include Vertical Profiles

1-door enclosure mm (in.)		Reinforcement profile	
Height (A)	Width (B)	E	D
800 (31.50)	600 (23.62)	519 (20.43)	525 (20.67)
1000 (39.37)	600 (23.62)	519 (20.43)	725 (28.54)
	800 (31.50)	719 (28.31)	725 (28.54)
1200 (47.24)	600 (23.62)	464 (18.27)	1075 (42.32)
	800 (31.50)	664 (26.14)	1075 (42.32)

2-door enclosure mm (in.)		Reinforcement profile			
		Rt. Door		Lft. Door	
Height (A)	Width (B)	E	D	E	D
800 (31.50)	1000 (39.37)	372 (14.65)	675 (26.57)	419 (16.50)	675 (26.57)
	1200 (47.24)	472 (18.58)	675 (26.57)	519 (20.43)	675 (26.57)
1000 (39.37)	1000 (39.37)	372 (14.65)	875 (34.45)	419 (16.50)	875 (34.45)
	1200 (47.24)	472 (18.58)	875 (34.45)	519 (20.43)	875 (34.45)
1200 (47.24)	1000 (39.37)	372 (14.65)	1075 (42.32)	419 (16.50)	1075 (42.32)
	1200 (47.24)	472 (18.58)	1075 (42.32)	519 (20.43)	1075 (42.32)
1400 (55.12)	1000 (39.37)	372 (14.65)	1275 (50.20)	419 (16.50)	1275 (50.20)



Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Steel Floor-Standing Enclosures

PanelSeT SFN: Modular Enclosures

NSYSFN20860



NSYSFN20860_enclosure



PanelSeT SM: Compact Enclosures

PB500067_39_nb



Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Panel**SeT** SFN: Modular Enclosures

Introduction	**62**
Characteristics	**64**
Selection Table	**66**
Accessories	**70**
Dimensions	**80**

Panel**SeT** SM: Compact Enclosures

Introduction	**72**
Characteristics	**74**
Selection Table	**76**
Accessories	**78**
Dimensions	**81**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

PanelSeT SFN: Modular Enclosures

Introduction



New

This steel floor-standing enclosure is the most robust on the market, capable of withstanding 1500 kg (3306.9 lbs) distributed across its volume. It is able to offer this capacity thanks to its unique framework design, based on the use of a highly rigid exclusive profile.

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

PanelSeT SFN Modular Floor-Standing Low-Carbon Steel Enclosures



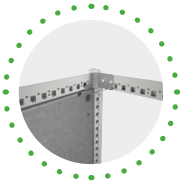
PanelSeT SFN
The first low-carbon emission steel enclosure

Reduced carbon footprint: manufactured with a minimum of 50% of steel produced from renewable energy and recycled materials (1), leading to a 34% CO_2 reduction on the total enclosure lifecycle (2)



Robust
New patented frame and fixation corner system in a bolted structure. Uprights fixed by 8 screws, one at each corner of the enclosure.

Capable of withstanding a static load of up to 1500 kg (3306.9 lbs) throughout its volume.



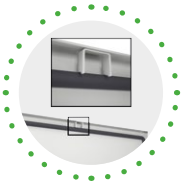
Efficient
- Quick system for the mounting plate allowing faster assembly
- Most accessories to be installed using the same self-tapping Torx T30 screws



- Second door handle for easy and ergonomic open-close operation



- Quick door removal and installation to facilitate assembly



- Panels include self-centering piece and captive screws for easier assembly and dismantling



Modular
The design allows enclosures to be coupled in any direction and layout, adapting to all installation surfaces



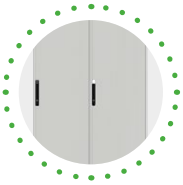
Aesthetics
- Streamlined extended roof and panels giving a new smoother appearance with less fixation points



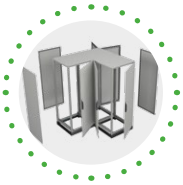
- Ergonomic and convenient main handle, which features a label that can be used for customizing a signature or identification tag



Flexible
Delivered assembled, with or without plate, with plain or glazed door, as a kit or customized to adapt to all spaces and needs



Compatible
Fully couplable with the previous PanelSeT SF version and compatible with its accessories



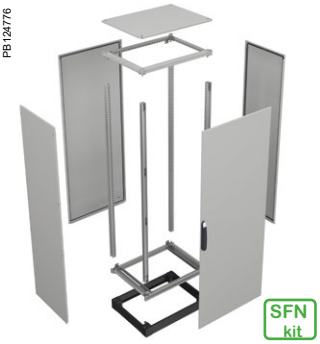
Accessible
The symmetric design of the profile allows doors to be installed on any side of the enclosure, opening right or left and providing full accessibility to the enclosure

(1) More info on Arcelor Mittal website (XCarb® recycled and renewably produced).
(2) According to the comparison of PanelSeT SFN PEP (ENVPEP2301018) and Spacial SF PEP (ENVPEP110923) using the same calculation methodology provided in the Product Category Rules of PEP Ecopassport association (PCRed4).

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Panel**SeT** SFN: Modular Enclosures

Characteristics

Characteristics	Suitable enclosures PanelSeT SFN - supplied assembled	Suitable enclosures PanelSeT SFN - supplied as a kit
	 SFN	 SFN kit
	• Structure made up of vertical uprights joined with top and bottom frames • Panels and doors built into the structure • Formed from a single section and perforated structure with a pitch of 25 (0.98) mm (in.)	• Separate door, panels, frames and vertical uprights
Basic composition	• Front door with a reinforcement frame (horizontal rails height-adjustable)and bottom trim • The double doors are overlapping, with a central handle on the left door • Door reversible, 120° opening • Extended rear panel screwed on with captive screws • Removable extended roof • System with 4 locking points with handle and 5 (0.20) mm (in.) double-bar insert • Mounting plate support brackets (for widths from 600 mm (23.62 in.)) and quick-fixation system • Mounting plate sliding rails (for widths from 600 mm (23.62 in.))	• Front door with a reinforcement frame (horizontal rails height-adjustable) and bottom trim • The double doors are overlapping, with a central handle on the left door • Door reversible, 120° opening • Extended rear panel to be screwed on with captive screws • Removable extended roof delivered with top and bottom frame • System with 4 locking points with handle and 5 (0.20) mm (in.) double-bar insert • Mounting plate support brackets delivered with top and bottom frame kit (for widths from 600 mm (23.62 in.)) and quick-fixation system • Mounting plate sliding rails delivered with top and bottom frame kit (for widths from 600 mm (23.62 in.))
Versions / Configurations	• Modular enclosure with plain door and mounting plate • Modular enclosure with plain door and without mounting plate • Enclosures with 400 mm (15.75 in.) width do not come with mounting plate fixing brackets, ref. **NSYSFNPB** - Part Accessories for Floor-Standing Mounting Plates, page 353. Ordered separately • Modular enclosure with transparent Securit® glass door and without mounting plate	• Uprights kit • Top and bottom frame kit • Rear panel kit • Door kit (plain or transparent)
Protection of personnel	Earthing accessories needed for grounding continuity	
Material	Low-carbon steel	
Finish	Structured finish, epoxy polyester powder	
Color	RAL 7035 gray	
Ingress protection rating	IP55 according to IEC 60529 (with side panels and plain cable gland plate with gasket)	
Mechanical protection rating	IK10 for plain door and IK08 for transparent door according to IEC 62262	
Standards	Compliance with enclosure standard IEC 62208 and RoHS and REACH directive	
Certifications	BV, DNV, UL (cULus) Rating according to UL50E: Types 1, 3R, 12	
Static Installation	**Indoor and Outdoor** - According to the NEMA 3R rating this enclosure can be installed outdoors in North America * Compliant with IEC 62208 regarding type tests specified in §9.12 (resistance to UV radiation) and §9.13 (resistance to corrosion) Canopy needed to avoid water stagnation on the upper part of the enclosure, page 395	
Maximum load	1500 (3306.9) kg (lbs)	
Options	• Side panels options, page 387 • Enclosure suites options, page 390 • Plinths, heights 100 mm (3.94 in.) and 200 mm (7.87 in.), page 402 • Cable gland plates, page 414 • Lifting systems, page 394 • Roof options, page 395 • Door accessories, page 452 • Other locking options, page 447 • Mounting plates and Telequick system, page 350	• Side panels options, page 387 • Enclosure suites options, page 390 • Plinths, heights 100 mm (3.94 in.) and 200 mm (7.87 in.), page 402 • Cable gland plates, page 414 • Lifting systems, page 394 • Roof options, page 395 • Other locking options, page 447 • Mounting plates and Telequick system, page 350

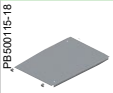
Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Steel Floor-Standing Enclosures

PanelSeT SFN: Modular Enclosures

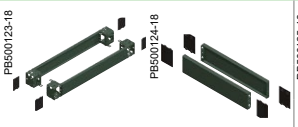
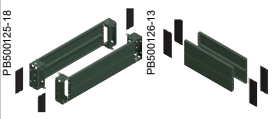
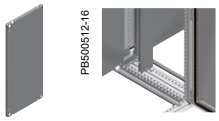
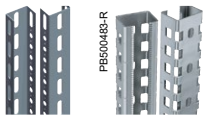
Selection Table

Dimensions mm (in.)				Enclosures			Side panels	Cable entry plates		
				 NSYSFN12640	 NSYSFN12640	 NSYSFN18640T	 NSY2SPN124	 PB500115-18	 PB500116-18	 PB500117-18
(A)	(B)	(C)								
Height	Width	Depth	Doors	Plain door, without mounting plate	Plain door, with mounting plate	Transparent door, without mounting plate	Plain	Plain	1 entry	2 entries
1200 (47.24)	600 (23.62)	400 (15.75)	1	NSYSFN12640	NSYSFN12640P	-	NSY2SPN124	NSYEC64	NSYEC641	-
1200 (47.24)	600 (23.62)	600 (23.62)	1	NSYSFN12660	NSYSFN12660P	-	NSY2SPN126	NSYEC66	NSYEC661	NSYEC662
1200 (47.24)	800 (31.50)	400 (15.75)	1	NSYSFN12840	NSYSFN12840P	-	NSY2SPN124	NSYEC84	NSYEC841	-
1200 (47.24)	800 (31.50)	600 (23.62)	1	NSYSFN12860	NSYSFN12860P	-	NSY2SPN126	NSYEC86	NSYEC861	NSYEC862
1400 (55.12)	600 (23.62)	400 (15.75)	1	NSYSFN14640	NSYSFN14640P	-	NSY2SPN144	NSYEC64	NSYEC641	-
1400 (55.12)	800 (31.50)	400 (15.75)	1	NSYSFN14840	NSYSFN14840P	-	NSY2SPN144	NSYEC84	NSYEC841	-
1600 (62.99)	600 (23.62)	600 (23.62)	1	NSYSFN16660	NSYSFN16660P	-	NSY2SPN166	NSYEC66	NSYEC661	NSYEC662
1600 (62.99)	600 (23.62)	800 (31.50)	1	NSYSFN16680	NSYSFN16680P	-	NSY2SPN168	NSYEC68	NSYEC681	NSYEC682
1600 (62.99)	800 (31.50)	600 (23.62)	1	NSYSFN16860	NSYSFN16860P	-	NSY2SPN166	NSYEC86	NSYEC861	NSYEC862
1600 (62.99)	800 (31.50)	800 (31.50)	1	NSYSFN16880	NSYSFN16880P	-	NSY2SPN168	NSYEC88	NSYEC881	NSYEC882
1800 (70.87)	400 (15.75)	400 (15.75)	1	NSYSFN18440	-	-	NSY2SPN184	NSYEC44	NSYEC441	-
1800 (70.87)	400 (15.75)	500 (19.69)	1	NSYSFN18450	-	-	NSY2SPN185	NSYEC45	NSYEC451	-
1800 (70.87)	400 (15.75)	600 (23.62)	1	NSYSFN18460	-	-	NSY2SPN186	NSYEC64	NSYEC461	NSYEC462
1800 (70.87)	600 (23.62)	400 (15.75)	1	NSYSFN18640	NSYSFN18640P	NSYSFN18640T	NSY2SPN184	NSYEC64	NSYEC641	-
1800 (70.87)	600 (23.62)	500 (19.69)	1	NSYSFN18650	NSYSFN18650P	NSYSFN18650T	NSY2SPN185	NSYEC65	NSYEC651	-
1800 (70.87)	600 (23.62)	600 (23.62)	1	NSYSFN18660	NSYSFN18660P	-	NSY2SPN186	NSYEC66	NSYEC661	NSYEC662
1800 (70.87)	600 (23.62)	800 (31.50)	1	-	-	NSYSFN18680T	NSY2SPN188	NSYEC68	NSYEC681	NSYEC682
1800 (70.87)	800 (31.50)	400 (15.75)	1	NSYSFN18840	NSYSFN18840P	NSYSFN18840T	NSY2SPN184	NSYEC84	NSYEC841	-
1800 (70.87)	800 (31.50)	500 (19.69)	1	NSYSFN18850	NSYSFN18850P	NSYSFN18850T	NSY2SPN185	NSYEC85	NSYEC851	-
1800 (70.87)	800 (31.50)	600 (23.62)	1	NSYSFN18860	NSYSFN18860P	NSYSFN18860T	NSY2SPN186	NSYEC86	NSYEC861	NSYEC862
1800 (70.87)	800 (31.50)	600 (23.62)	2	NSYSFN188602D	NSYSFN188602DP	-	NSY2SPN186	NSYEC86	NSYEC861	NSYEC862
1800 (70.87)	1000 (39.37)	400 (15.75)	1	NSYSFN181040	NSYSFN181040P	-	NSY2SPN184	NSYEC104	NSYEC1041	-
1800 (70.87)	1000 (39.37)	400 (15.75)	2	NSYSFN1810402D	NSYSFN1810402DP	-	NSY2SPN184	NSYEC104	NSYEC1041	-
1800 (70.87)	1000 (39.37)	500 (19.69)	1	NSYSFN181050	NSYSFN181050P	-	NSY2SPN185	NSYEC105	NSYEC1051	-
1800 (70.87)	1000 (39.37)	600 (23.62)	1	NSYSFN181060	NSYSFN181060P	-	NSY2SPN186	NSYEC106	NSYEC1061	NSYEC1062
1800 (70.87)	1000 (39.37)	600 (23.62)	2	NSYSFN1810602D	NSYSFN1810602DP	-	NSY2SPN186	NSYEC106	NSYEC1061	NSYEC1062
1800 (70.87)	1200 (47.24)	400 (15.75)	2	NSYSFN1812402D	NSYSFN1812402DP	-	NSY2SPN184	NSYEC124	NSYEC1241	-
1800 (70.87)	1200 (47.24)	500 (19.69)	2	NSYSFN1812502D	NSYSFN1812502DP	-	NSY2SPN185	NSYEC125	NSYEC1251	-
1800 (70.87)	1200 (47.24)	600 (23.62)	2	NSYSFN1812602D	NSYSFN1812602DP	-	NSY2SPN186	NSYEC126	NSYEC1261	NSYEC1262
1800 (70.87)	1600 (62.99)	400 (15.75)	1	NSYSFN1816402D	-	-	NSY2SPN184	NSYEC164	NSYEC1641	-
2000 (78.74)	300 (11.81)	500 (19.69)	1	NSYSFN20350	-	-	NSY2SPN205	NSYEC35	NSYEC351	-
2000 (78.74)	300 (11.81)	600 (23.62)	1	NSYSFN20360	-	-	NSY2SPN206	NSYEC36	NSYEC361	-
2000 (78.74)	300 (11.81)	800 (31.50)	1	NSYSFN20380	-	-	NSY2SPN208	-	NSYEC381	-
2000 (78.74)	400 (15.75)	400 (15.75)	1	NSYSFN20440	-	-	NSY2SPN204	NSYEC44	NSYEC441	-
2000 (78.74)	400 (15.75)	500 (19.69)	1	NSYSFN20450	-	-	NSY2SPN205	NSYEC45	NSYEC451	-
2000 (78.74)	400 (15.75)	600 (23.62)	1	NSYSFN20460	-	-	NSY2SPN206	NSYEC64	NSYEC461	NSYEC462
2000 (78.74)	400 (15.75)	800 (31.50)	1	NSYSFN20480	-	-	NSY2SPN208	NSYEC84	NSYEC481	NSYEC482
2000 (78.74)	600 (23.62)	400 (15.75)	1	NSYSFN20640	NSYSFN20640P	NSYSFN20640T	NSY2SPN204	NSYEC64	NSYEC641	-
2000 (78.74)	600 (23.62)	500 (19.69)	1	NSYSFN20650	NSYSFN20650P	NSYSFN20650T	NSY2SPN205	NSYEC65	NSYEC651	-
2000 (78.74)	600 (23.62)	600 (23.62)	1	NSYSFN20660	NSYSFN20660P	-	NSY2SPN206	NSYEC66	NSYEC661	NSYEC662
2000 (78.74)	600 (23.62)	800 (31.50)	1	NSYSFN20680	NSYSFN20680P	-	NSY2SPN208	NSYEC68	NSYEC681	NSYEC682
2000 (78.74)	800 (31.50)	400 (15.75)	1	NSYSFN20840	NSYSFN20840P	NSYSFN20840T	NSY2SPN204	NSYEC84	NSYEC841	-
2000 (78.74)	800 (31.50)	500 (19.69)	1	NSYSFN20850	NSYSFN20850P	NSYSFN20850T	NSY2SPN205	NSYEC85	NSYEC851	-
2000 (78.74)	800 (31.50)	600 (23.62)	1	NSYSFN20860	NSYSFN20860P	NSYSFN20860T	NSY2SPN206	NSYEC86	NSYEC861	NSYEC862
2000 (78.74)	800 (31.50)	600 (23.62)	2	NSYSFN208602D	NSYSFN208602DP	-	NSY2SPN206	NSYEC86	NSYEC861	NSYEC862
2000 (78.74)	800 (31.50)	800 (31.50)	1	NSYSFN20880	NSYSFN20880P	NSYSFN20880T	NSY2SPN208	NSYEC88	NSYEC881	NSYEC882
2000 (78.74)	1000 (39.37)	400 (15.75)	1	NSYSFN201040	NSYSFN201040P	NSYSFN201040T	NSY2SPN204	NSYEC104	NSYEC1041	-
2000 (78.74)	1000 (39.37)	400 (15.75)	2	NSYSFN2010402D	NSYSFN2010402DP	-	NSY2SPN204	NSYEC104	NSYEC1041	-
2000 (78.74)	1000 (39.37)	500 (19.69)	1	NSYSFN201050	NSYSFN201050P	NSYSFN201050T	NSY2SPN205	NSYEC105	NSYEC1051	-
2000 (78.74)	1000 (39.37)	500 (19.69)	2	NSYSFN2010502D	NSYSFN2010502DP	-	NSY2SPN205	NSYEC105	NSYEC1051	-
2000 (78.74)	1000 (39.37)	600 (23.62)	1	NSYSFN201060	NSYSFN201060P	NSYSFN201060T	NSY2SPN206	NSYEC106	NSYEC1061	NSYEC1062
2000 (78.74)	1000 (39.37)	600 (23.62)	2	NSYSFN2010602D	NSYSFN2010602DP	-	NSY2SPN206	NSYEC106	NSYEC1061	NSYEC1062
2000 (78.74)	1000 (39.37)	800 (31.50)	1	NSYSFN201080	NSYSFN201080P	-	NSY2SPN208	NSYEC108	NSYEC1081	NSYEC1082
2000 (78.74)	1200 (47.24)	400 (15.75)	2	NSYSFN2012402D	NSYSFN2012402DP	-	NSY2SPN204	NSYEC124	NSYEC1241	-
2000 (78.74)	1200 (47.24)	500 (19.69)	2	NSYSFN2012502D	NSYSFN2012502DP	-	NSY2SPN205	NSYEC125	NSYEC1251	-
2000 (78.74)	1200 (47.24)	600 (23.62)	2	NSYSFN2012602D	NSYSFN2012602DP	-	NSY2SPN206	NSYEC126	NSYEC1261	NSYEC1262
2000 (78.74)	1200 (47.24)	800 (31.50)	2	NSYSFN2012802D	NSYSFN2012802DP	-	NSY2SPN208	NSYEC128	NSYEC1281	NSYEC1282
2000 (78.74)	1600 (62.99)	400 (15.75)	2	NSYSFN2016402D	NSYSFN2016402DP	-	NSY2SPN204	NSYEC164	NSYEC1641	-
2000 (78.74)	1600 (62.99)	500 (19.69)	2	NSYSFN2016502D	NSYSFN2016502DP	-	NSY2SPN205	NSYEC165	NSYEC1651	-
2000 (78.74)	1600 (62.99)	600 (23.62)	2	NSYSFN2016602D	NSYSFN2016602DP	-	NSY2SPN206	NSYEC166	NSYEC1661	NSYEC1662
2200 (86.61)	400 (15.75)	600 (23.62)	1	NSYSFN22460	-	-	NSY2SPN226	NSYEC64	NSYEC461	-
2200 (86.61)	600 (23.62)	600 (23.62)	1	NSYSFN22660	NSYSFN22660P	-	NSY2SPN226	NSYEC66	NSYEC661	NSYEC662
2200 (86.61)	600 (23.62)	800 (31.50)	1	NSYSFN22680	NSYSFN22680P	-	NSY2SPN228	NSYEC68	NSYEC681	NSYEC682
2200 (86.61)	800 (31.50)	600 (23.62)	1	NSYSFN22860	NSYSFN22860P	-	NSY2SPN226	NSYEC86	NSYEC861	NSYEC862
2200 (86.61)	800 (31.50)	800 (31.50)	1	NSYSFN22880	NSYSFN22880P	NSYSFN22880T	NSY2SPN228	NSYEC88	NSYEC881	NSYEC882
2200 (86.61)	1000 (39.37)	600 (23.62)	1	NSYSFN221060	NSYSFN221060P	-	NSY2SPN226	NSYEC106	NSYEC1061	NSYEC1062
2200 (86.61)	1200 (47.24)	600 (23.62)	2	NSYSFN2212602D	NSYSFN2212602DP	-	NSY2SPN226	NSYEC126	NSYEC1261	NSYEC1262
2200 (86.61)	1200 (47.24)	800 (31.50)	2	NSYSFN2212802D	NSYSFN2212802DP	-	NSY2SPN228	NSYEC128	NSYEC1281	NSYEC1282

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

PanelSeT SFN: Modular Enclosures

Selection Table

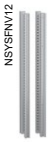
Plinths H 100 mm (3.94 in.)		Plinths H 200 mm (7.87 in.)		Mounting plates		Vertical uprights		Dimensions mm (in.)		
 PB500123-18 PB500124-18		 PB500125-18 PB500126-13		 PB500477-7 PB500512-16		 PB500482-10 PB500483-R		(A)	(B)	(C)
Front kit (corners + front panels)	Side panels, 2 units	Front kit (corners + front panels)	Side panels, 4 units	Mounting plate	Intermediate mounting plate	Standard	Technical	Height	Width	Depth
NSYSPF6100	NSYSPS4100	NSYSPF6200	NSYSPS4200	NSYMP126	NSYSIMP12	-	NSYTVR12	1200 (47.24)	600 (23.62)	400 (15.75)
NSYSPF6100	NSYSPS6100	NSYSPF6200	NSYSPS6200	NSYMP126	NSYSIMP12	-	NSYTVR12	1200 (47.24)	600 (23.62)	600 (23.62)
NSYSPF8100	NSYSPS4100	NSYSPF8200	NSYSPS4200	NSYMP128	NSYSIMP12	-	NSYTVR12	1200 (47.24)	800 (31.50)	400 (15.75)
NSYSPF8100	NSYSPS6100	NSYSPF8200	NSYSPS6200	NSYMP128	NSYSIMP12	-	NSYTVR12	1200 (47.24)	800 (31.50)	600 (23.62)
NSYSPF6100	NSYSPS4100	NSYSPF6200	NSYSPS4200	NSYMP146	NSYSIMP14	-	NSYTVR14	1400 (55.12)	600 (23.62)	400 (15.75)
NSYSPF8100	NSYSPS4100	NSYSPF8200	NSYSPS4200	NSYMP148	NSYSIMP14	-	NSYTVR14	1400 (55.12)	800 (31.50)	400 (15.75)
NSYSPF6100	NSYSPS6100	NSYSPF6200	NSYSPS6200	NSYMP166	NSYSIMP16	-	NSYTVR16	1600 (62.99)	600 (23.62)	600 (23.62)
NSYSPF6100	NSYSPS8100	NSYSPF6200	NSYSPS8200	NSYMP166	NSYSIMP16	-	NSYTVR16	1600 (62.99)	600 (23.62)	800 (31.50)
NSYSPF8100	NSYSPS6100	NSYSPF8200	NSYSPS6200	NSYMP168	NSYSIMP16	-	NSYTVR16	1600 (62.99)	800 (31.50)	600 (23.62)
NSYSPF8100	NSYSPS8100	NSYSPF8200	NSYSPS8200	NSYMP168	NSYSIMP16	-	NSYTVR16	1600 (62.99)	800 (31.50)	800 (31.50)
NSYSPF4100	NSYSPS4100	NSYSPF4200	NSYSPS4200	NSYMP184	NSYSIMP18	NSYVR18	NSYTVR18	1800 (70.87)	400 (15.75)	400 (15.75)
NSYSPF4100	NSYSPS5100	NSYSPF4200	NSYSPS5200	NSYMP184	NSYSIMP18	NSYVR18	NSYTVR18	1800 (70.87)	400 (15.75)	500 (19.69)
NSYSPF4100	NSYSPS6100	NSYSPF4200	NSYSPS6200	NSYMP184	NSYSIMP18	NSYVR18	NSYTVR18	1800 (70.87)	400 (15.75)	600 (23.62)
NSYSPF6100	NSYSPS4100	NSYSPF6200	NSYSPS4200	NSYMP186	NSYSIMP18	NSYVR18	NSYTVR18	1800 (70.87)	600 (23.62)	400 (15.75)
NSYSPF6100	NSYSPS5100	NSYSPF6200	NSYSPS5200	NSYMP186	NSYSIMP18	NSYVR18	NSYTVR18	1800 (70.87)	600 (23.62)	500 (19.69)
NSYSPF6100	NSYSPS6100	NSYSPF6200	NSYSPS6200	NSYMP186	NSYSIMP18	NSYVR18	NSYTVR18	1800 (70.87)	600 (23.62)	600 (23.62)
NSYSPF6100	NSYSPS8100	NSYSPF6200	NSYSPS8200	NSYMP186	NSYSIMP18	NSYVR18	NSYTVR18	1800 (70.87)	600 (23.62)	800 (31.50)
NSYSPF8100	NSYSPS4100	NSYSPF8200	NSYSPS4200	NSYMP188	NSYSIMP18	NSYVR18	NSYTVR18	1800 (70.87)	800 (31.50)	400 (15.75)
NSYSPF8100	NSYSPS5100	NSYSPF8200	NSYSPS5200	NSYMP188	NSYSIMP18	NSYVR18	NSYTVR18	1800 (70.87)	800 (31.50)	500 (19.69)
NSYSPF8100	NSYSPS6100	NSYSPF8200	NSYSPS6200	NSYMP188	NSYSIMP18	NSYVR18	NSYTVR18	1800 (70.87)	800 (31.50)	600 (23.62)
NSYSPF8100	NSYSPS6100	NSYSPF8200	NSYSPS6200	NSYMP188	NSYSIMP18	NSYVR18	NSYTVR18	1800 (70.87)	800 (31.50)	600 (23.62)
NSYSPF10100	NSYSPS4100	NSYSPF10200	NSYSPS4200	NSYMP1810	NSYSIMP18	NSYVR18	NSYTVR18	1800 (70.87)	1000 (39.37)	400 (15.75)
NSYSPF10100	NSYSPS4100	NSYSPF10200	NSYSPS4200	NSYMP1810	NSYSIMP18	NSYVR18	NSYTVR18	1800 (70.87)	1000 (39.37)	400 (15.75)
NSYSPF10100	NSYSPS5100	NSYSPF10200	NSYSPS5200	NSYMP1810	NSYSIMP18	NSYVR18	NSYTVR18	1800 (70.87)	1000 (39.37)	500 (19.69)
NSYSPF10100	NSYSPS6100	NSYSPF10200	NSYSPS6200	NSYMP1810	NSYSIMP18	NSYVR18	NSYTVR18	1800 (70.87)	1000 (39.37)	600 (23.62)
NSYSPF10100	NSYSPS6100	NSYSPF10200	NSYSPS6200	NSYMP1810	NSYSIMP18	NSYVR18	NSYTVR18	1800 (70.87)	1000 (39.37)	600 (23.62)
NSYSPF12100	NSYSPS4100	NSYSPF12200	NSYSPS4200	NSYMP1812	NSYSIMP18	NSYVR18	NSYTVR18	1800 (70.87)	1200 (47.24)	400 (15.75)
NSYSPF12100	NSYSPS5100	NSYSPF12200	NSYSPS5200	NSYMP1812	NSYSIMP18	NSYVR18	NSYTVR18	1800 (70.87)	1200 (47.24)	500 (19.69)
NSYSPF12100	NSYSPS6100	NSYSPF12200	NSYSPS6200	NSYMP1812	NSYSIMP18	NSYVR18	NSYTVR18	1800 (70.87)	1200 (47.24)	600 (23.62)
NSYSPF16100	NSYSPS4100	NSYSPF16200	NSYSPS4200	NSYMP1816	NSYSIMP18	NSYVR18	NSYTVR18	1800 (70.87)	1600 (62.99)	400 (15.75)
NSYSPF3100	NSYSPS5100	NSYSPF3200	NSYSPS5200	-	-	NSYVR20	NSYTVR20	2000 (78.74)	300 (11.81)	500 (19.69)
NSYSPF3100	NSYSPS6100	NSYSPF3200	NSYSPS6200	-	-	NSYVR20	NSYTVR20	2000 (78.74)	300 (11.81)	600 (23.62)
NSYSPF3100	NSYSPS8100	NSYSPF3200	NSYSPS8200	-	-	NSYVR20	NSYTVR20	2000 (78.74)	300 (11.81)	800 (31.50)
NSYSPF4100	NSYSPS4100	NSYSPF4200	NSYSPS4200	NSYMP204	NSYSIMP20	NSYVR20	NSYTVR20	2000 (78.74)	400 (15.75)	400 (15.75)
NSYSPF4100	NSYSPS5100	NSYSPF4200	NSYSPS5200	NSYMP204	NSYSIMP20	NSYVR20	NSYTVR20	2000 (78.74)	400 (15.75)	500 (19.69)
NSYSPF4100	NSYSPS6100	NSYSPF4200	NSYSPS6200	NSYMP204	NSYSIMP20	NSYVR20	NSYTVR20	2000 (78.74)	400 (15.75)	600 (23.62)
NSYSPF4100	NSYSPS8100	NSYSPF4200	NSYSPS8200	NSYMP204	NSYSIMP20	NSYVR20	NSYTVR20	2000 (78.74)	400 (15.75)	800 (31.50)
NSYSPF6100	NSYSPS4100	NSYSPF6200	NSYSPS4200	NSYMP206	NSYSIMP20	NSYVR20	NSYTVR20	2000 (78.74)	600 (23.62)	400 (15.75)
NSYSPF6100	NSYSPS5100	NSYSPF6200	NSYSPS5200	NSYMP206	NSYSIMP20	NSYVR20	NSYTVR20	2000 (78.74)	600 (23.62)	500 (19.69)
NSYSPF6100	NSYSPS6100	NSYSPF6200	NSYSPS6200	NSYMP206	NSYSIMP20	NSYVR20	NSYTVR20	2000 (78.74)	600 (23.62)	600 (23.62)
NSYSPF6100	NSYSPS8100	NSYSPF6200	NSYSPS8200	NSYMP206	NSYSIMP20	NSYVR20	NSYTVR20	2000 (78.74)	600 (23.62)	800 (31.50)
NSYSPF8100	NSYSPS4100	NSYSPF8200	NSYSPS4200	NSYMP208	NSYSIMP20	NSYVR20	NSYTVR20	2000 (78.74)	800 (31.50)	400 (15.75)
NSYSPF8100	NSYSPS5100	NSYSPF8200	NSYSPS5200	NSYMP208	NSYSIMP20	NSYVR20	NSYTVR20	2000 (78.74)	800 (31.50)	500 (19.69)
NSYSPF8100	NSYSPS6100	NSYSPF8200	NSYSPS6200	NSYMP208	NSYSIMP20	NSYVR20	NSYTVR20	2000 (78.74)	800 (31.50)	600 (23.62)
NSYSPF8100	NSYSPS6100	NSYSPF8200	NSYSPS6200	NSYMP208	NSYSIMP20	NSYVR20	NSYTVR20	2000 (78.74)	800 (31.50)	600 (23.62)
NSYSPF8100	NSYSPS8100	NSYSPF8200	NSYSPS8200	NSYMP208	NSYSIMP20	NSYVR20	NSYTVR20	2000 (78.74)	800 (31.50)	800 (31.50)
NSYSPF10100	NSYSPS4100	NSYSPF10200	NSYSPS4200	NSYMP2010	NSYSIMP20	NSYVR20	NSYTVR20	2000 (78.74)	1000 (39.37)	400 (15.75)
NSYSPF10100	NSYSPS4100	NSYSPF10200	NSYSPS4200	NSYMP2010	NSYSIMP20	NSYVR20	NSYTVR20	2000 (78.74)	1000 (39.37)	400 (15.75)
NSYSPF10100	NSYSPS5100	NSYSPF10200	NSYSPS5200	NSYMP2010	NSYSIMP20	NSYVR20	NSYTVR20	2000 (78.74)	1000 (39.37)	500 (19.69)
NSYSPF10100	NSYSPS5100	NSYSPF10200	NSYSPS5200	NSYMP2010	NSYSIMP20	NSYVR20	NSYTVR20	2000 (78.74)	1000 (39.37)	500 (19.69)
NSYSPF10100	NSYSPS6100	NSYSPF10200	NSYSPS6200	NSYMP2010	NSYSIMP20	NSYVR20	NSYTVR20	2000 (78.74)	1000 (39.37)	600 (23.62)
NSYSPF10100	NSYSPS6100	NSYSPF10200	NSYSPS6200	NSYMP2010	NSYSIMP20	NSYVR20	NSYTVR20	2000 (78.74)	1000 (39.37)	600 (23.62)
NSYSPF10100	NSYSPS8100	NSYSPF10200	NSYSPS8200	NSYMP2010	NSYSIMP20	NSYVR20	NSYTVR20	2000 (78.74)	1000 (39.37)	800 (31.50)
NSYSPF12100	NSYSPS4100	NSYSPF12200	NSYSPS4200	NSYMP2012	NSYSIMP20	NSYVR20	NSYTVR20	2000 (78.74)	1200 (47.24)	400 (15.75)
NSYSPF12100	NSYSPS5100	NSYSPF12200	NSYSPS5200	NSYMP2012	NSYSIMP20	NSYVR20	NSYTVR20	2000 (78.74)	1200 (47.24)	500 (19.69)
NSYSPF12100	NSYSPS6100	NSYSPF12200	NSYSPS6200	NSYMP2012	NSYSIMP20	NSYVR20	NSYTVR20	2000 (78.74)	1200 (47.24)	600 (23.62)
NSYSPF12100	NSYSPS8100	NSYSPF12200	NSYSPS8200	NSYMP2012	NSYSIMP20	NSYVR20	NSYTVR20	2000 (78.74)	1200 (47.24)	800 (31.50)
NSYSPF16100	NSYSPS4100	NSYSPF16200	NSYSPS4200	NSYMP2016	NSYSIMP20	NSYVR20	NSYTVR20	2000 (78.74)	1600 (62.99)	400 (15.75)
NSYSPF16100	NSYSPS5100	NSYSPF16200	NSYSPS5200	NSYMP2016	NSYSIMP20	NSYVR20	NSYTVR20	2000 (78.74)	1600 (62.99)	500 (19.69)
NSYSPF16100	NSYSPS6100	NSYSPF16200	NSYSPS6200	NSYMP2016	NSYSIMP20	NSYVR20	NSYTVR20	2000 (78.74)	1600 (62.99)	600 (23.62)
NSYSPF4100	NSYSPS6100	NSYSPF4200	NSYSPS6200	NSYMP224	NSYSIMP22	NSYVR22	NSYTVR22	2200 (86.61)	400 (15.75)	600 (23.62)
NSYSPF6100	NSYSPS6100	NSYSPF6200	NSYSPS6200	NSYMP226	NSYSIMP22	NSYVR22	NSYTVR22	2200 (86.61)	600 (23.62)	600 (23.62)
NSYSPF6100	NSYSPS8100	NSYSPF6200	NSYSPS8200	NSYMP226	NSYSIMP22	NSYVR22	NSYTVR22	2200 (86.61)	600 (23.62)	800 (31.50)
NSYSPF8100	NSYSPS6100	NSYSPF8200	NSYSPS6200	NSYMP228	NSYSIMP22	NSYVR22	NSYTVR22	2200 (86.61)	800 (31.50)	600 (23.62)
NSYSPF8100	NSYSPS8100	NSYSPF8200	NSYSPS8200	NSYMP228	NSYSIMP22	NSYVR22	NSYTVR22	2200 (86.61)	800 (31.50)	800 (31.50)
NSYSPF10100	NSYSPS6100	NSYSPF10200	NSYSPS6200	NSYMP2210	NSYSIMP22	NSYVR22	NSYTVR22	2200 (86.61)	1000 (39.37)	600 (23.62)
NSYSPF12100	NSYSPS6100	NSYSPF12200	NSYSPS6200	NSYMP2212	NSYSIMP22	NSYVR22	NSYTVR22	2200 (86.61)	1200 (47.24)	600 (23.62)
NSYSPF12100	NSYSPS8100	NSYSPF12200	NSYSPS8200	NSYMP2212	NSYSIMP22	NSYVR22	NSYTVR22	2200 (86.61)	1200 (47.24)	800 (31.50)

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Steel Floor-Standing Enclosures

PanelSeT SFN Kit: Modular Enclosures

Selection Table

				Vertical uprights	Bottom frame and top frame with roof	Panels		Doors		Mounting plate
				 NSYSFNV12	 NSYSFNC64	 NSYBPN126	 NSY2SPN124	 NSY2SPN128 (Hinges, locking bar catches and handle with 5-mm (0.2 in.) double-bar insert included)	 NSY2SPN128T (Securit® glass, hinges, locking bar catches and handle with 5-mm (0.2 in.) double-bar insert included)	 PB5004477-7
Dimensions mm (in.)										
(A) Height	**(B) Width**	**(C) Depth**	**Doors**	**Standard**	**Frames**	**Rear panel**	**Side panel**	**Plain**	**Transparent**	**Standard**
1200 (47.24)	600 (23.62)	400 (15.75)	1	**NSYSFNV12**	**NSYSFNC64**	**NSYBPN126**	**NSY2SPN124**	**NSYSFND126**	**NSYSFND126T**	**NSYMP126**
1200 (47.24)	600 (23.62)	500 (19.69)	1	**NSYSFNV12**	**NSYSFNC65**	**NSYBPN126**	**NSY2SPN125**	**NSYSFND126**	**NSYSFND126T**	**NSYMP126**
1200 (47.24)	600 (23.62)	600 (23.62)	1	**NSYSFNV12**	**NSYSFNC66**	**NSYBPN126**	**NSY2SPN126**	**NSYSFND126**	**NSYSFND126T**	**NSYMP126**
1200 (47.24)	600 (23.62)	800 (31.50)	1	**NSYSFNV12**	**NSYSFNC68**	**NSYBPN126**	**NSY2SPN128**	**NSYSFND126**	**NSYSFND126T**	**NSYMP126**
1200 (47.24)	800 (31.50)	400 (15.75)	1	**NSYSFNV12**	**NSYSFNC84**	**NSYBPN128**	**NSY2SPN124**	**NSYSFND128**	**NSYSFND128T**	**NSYMP128**
1200 (47.24)	800 (31.50)	500 (19.69)	1	**NSYSFNV12**	**NSYSFNC85**	**NSYBPN128**	**NSY2SPN125**	**NSYSFND128**	**NSYSFND128T**	**NSYMP128**
1200 (47.24)	800 (31.50)	600 (23.62)	1	**NSYSFNV12**	**NSYSFNC86**	**NSYBPN128**	**NSY2SPN126**	**NSYSFND128**	**NSYSFND128T**	**NSYMP128**
1200 (47.24)	800 (31.50)	800 (31.50)	1	**NSYSFNV12**	**NSYSFNC88**	**NSYBPN128**	**NSY2SPN128**	**NSYSFND128**	**NSYSFND128T**	**NSYMP128**
1400 (55.12)	600 (23.62)	400 (15.75)	1	**NSYSFNV14**	**NSYSFNC64**	**NSYBPN146**	**NSY2SPN144**	**NSYSFND146**	**NSYSFND146T**	**NSYMP146**
1400 (55.12)	600 (23.62)	500 (19.69)	1	**NSYSFNV14**	**NSYSFNC65**	**NSYBPN146**	**NSY2SPN145**	**NSYSFND146**	**NSYSFND146T**	**NSYMP146**
1400 (55.12)	600 (23.62)	600 (23.62)	1	**NSYSFNV14**	**NSYSFNC66**	**NSYBPN146**	**NSY2SPN146**	**NSYSFND146**	**NSYSFND146T**	**NSYMP146**
1400 (55.12)	600 (23.62)	800 (31.50)	1	**NSYSFNV14**	**NSYSFNC68**	**NSYBPN146**	**NSY2SPN148**	**NSYSFND146**	**NSYSFND146T**	**NSYMP146**
1400 (55.12)	800 (31.50)	400 (15.75)	1	**NSYSFNV14**	**NSYSFNC84**	**NSYBPN148**	**NSY2SPN144**	**NSYSFND148**	**NSYSFND148T**	**NSYMP148**
1400 (55.12)	800 (31.50)	500 (19.69)	1	**NSYSFNV14**	**NSYSFNC85**	**NSYBPN148**	**NSY2SPN145**	**NSYSFND148**	**NSYSFND148T**	**NSYMP148**
1400 (55.12)	800 (31.50)	600 (23.62)	1	**NSYSFNV14**	**NSYSFNC86**	**NSYBPN148**	**NSY2SPN146**	**NSYSFND148**	**NSYSFND148T**	**NSYMP148**
1400 (55.12)	800 (31.50)	800 (31.50)	1	**NSYSFNV14**	**NSYSFNC88**	**NSYBPN148**	**NSY2SPN148**	**NSYSFND148**	**NSYSFND148T**	**NSYMP148**
1600 (62.99)	600 (23.62)	400 (15.75)	1	**NSYSFNV16**	**NSYSFNC64**	**NSYBPN166**	**NSY2SPN164**	**NSYSFND166**	**NSYSFND166T**	**NSYMP166**
1600 (62.99)	600 (23.62)	500 (19.69)	1	**NSYSFNV16**	**NSYSFNC65**	**NSYBPN166**	**NSY2SPN165**	**NSYSFND166**	**NSYSFND166T**	**NSYMP166**
1600 (62.99)	600 (23.62)	600 (23.62)	1	**NSYSFNV16**	**NSYSFNC66**	**NSYBPN166**	**NSY2SPN166**	**NSYSFND166**	**NSYSFND166T**	**NSYMP166**
1600 (62.99)	600 (23.62)	800 (31.50)	1	**NSYSFNV16**	**NSYSFNC68**	**NSYBPN166**	**NSY2SPN168**	**NSYSFND166**	**NSYSFND166T**	**NSYMP166**
1600 (62.99)	800 (31.50)	400 (15.75)	1	**NSYSFNV16**	**NSYSFNC84**	**NSYBPN168**	**NSY2SPN164**	**NSYSFND168**	**NSYSFND168T**	**NSYMP168**
1600 (62.99)	800 (31.50)	500 (19.69)	1	**NSYSFNV16**	**NSYSFNC85**	**NSYBPN168**	**NSY2SPN165**	**NSYSFND168**	**NSYSFND168T**	**NSYMP168**
1600 (62.99)	800 (31.50)	600 (23.62)	1	**NSYSFNV16**	**NSYSFNC86**	**NSYBPN168**	**NSY2SPN166**	**NSYSFND168**	**NSYSFND168T**	**NSYMP168**
1600 (62.99)	800 (31.50)	800 (31.50)	1	**NSYSFNV16**	**NSYSFNC88**	**NSYBPN168**	**NSY2SPN168**	**NSYSFND168**	**NSYSFND168T**	**NSYMP168**
1800 (70.87)	400 (15.75)	400 (15.75)	1	**NSYSFNV18**	**NSYSFNC44**	**NSYBPN184**	**NSY2SPN184**	**NSYSFND184**	-	**NSYMP184**
1800 (70.87)	400 (15.75)	500 (19.69)	1	**NSYSFNV18**	**NSYSFNC45**	**NSYBPN184**	**NSY2SPN185**	**NSYSFND184**	-	**NSYMP184**
1800 (70.87)	400 (15.75)	600 (23.62)	1	**NSYSFNV18**	**NSYSFNC46**	**NSYBPN184**	**NSY2SPN186**	**NSYSFND184**	-	**NSYMP184**
1800 (70.87)	400 (15.75)	800 (31.50)	1	**NSYSFNV18**	**NSYSFNC48**	**NSYBPN184**	**NSY2SPN188**	**NSYSFND184**	-	**NSYMP184**
1800 (70.87)	600 (23.62)	400 (15.75)	1	**NSYSFNV18**	**NSYSFNC64**	**NSYBPN186**	**NSY2SPN184**	**NSYSFND186**	**NSYSFND186T**	**NSYMP186**
1800 (70.87)	600 (23.62)	500 (19.69)	1	**NSYSFNV18**	**NSYSFNC65**	**NSYBPN186**	**NSY2SPN185**	**NSYSFND186**	**NSYSFND186T**	**NSYMP186**
1800 (70.87)	600 (23.62)	600 (23.62)	1	**NSYSFNV18**	**NSYSFNC66**	**NSYBPN186**	**NSY2SPN186**	**NSYSFND186**	**NSYSFND186T**	**NSYMP186**
1800 (70.87)	600 (23.62)	800 (31.50)	1	**NSYSFNV18**	**NSYSFNC68**	**NSYBPN186**	**NSY2SPN188**	**NSYSFND186**	**NSYSFND186T**	**NSYMP186**
1800 (70.87)	800 (31.50)	400 (15.75)	1	**NSYSFNV18**	**NSYSFNC84**	**NSYBPN188**	**NSY2SPN184**	**NSYSFND188**	**NSYSFND188T**	**NSYMP188**
1800 (70.87)	800 (31.50)	500 (19.69)	1	**NSYSFNV18**	**NSYSFNC85**	**NSYBPN188**	**NSY2SPN185**	**NSYSFND188**	**NSYSFND188T**	**NSYMP188**
1800 (70.87)	800 (31.50)	600 (23.62)	1	**NSYSFNV18**	**NSYSFNC86**	**NSYBPN188**	**NSY2SPN186**	**NSYSFND188**	**NSYSFND188T**	**NSYMP188**
1800 (70.87)	800 (31.50)	600 (23.62)	2	**NSYSFNV18**	**NSYSFNC86**	**NSYBPN188**	**NSY2SPN186**	**NSYSFND1882D**	-	**NSYMP188**
1800 (70.87)	800 (31.50)	800 (31.50)	1	**NSYSFNV18**	**NSYSFNC88**	**NSYBPN188**	**NSY2SPN188**	**NSYSFND188**	**NSYSFND188T**	**NSYMP188**
1800 (70.87)	800 (31.50)	800 (31.50)	2	**NSYSFNV18**	**NSYSFNC88**	**NSYBPN188**	**NSY2SPN188**	**NSYSFND1882D**	-	**NSYMP188**
1800 (70.87)	1000 (39.37)	400 (15.75)	1	**NSYSFNV18**	**NSYSFNC104**	**NSYBPN1810**	**NSY2SPN184**	**NSYSFND1810**	**NSYSFND1810T**	**NSYMP1810**
1800 (70.87)	1000 (39.37)	400 (15.75)	2	**NSYSFNV18**	**NSYSFNC104**	**NSYBPN1810**	**NSY2SPN184**	**NSYSFND18102D**	-	**NSYMP1810**
1800 (70.87)	1000 (39.37)	500 (19.69)	1	**NSYSFNV18**	**NSYSFNC105**	**NSYBPN1810**	**NSY2SPN185**	**NSYSFND1810**	**NSYSFND1810T**	**NSYMP1810**
1800 (70.87)	1000 (39.37)	600 (23.62)	1	**NSYSFNV18**	**NSYSFNC106**	**NSYBPN1810**	**NSY2SPN186**	**NSYSFND1810**	**NSYSFND1810T**	**NSYMP1810**
1800 (70.87)	1000 (39.37)	600 (23.62)	2	**NSYSFNV18**	**NSYSFNC106**	**NSYBPN1810**	**NSY2SPN186**	**NSYSFND18102D**	-	**NSYMP1810**
1800 (70.87)	1000 (39.37)	800 (31.50)	1	**NSYSFNV18**	**NSYSFNC108**	**NSYBPN1810**	**NSY2SPN188**	**NSYSFND1810**	**NSYSFND1810T**	**NSYMP1810**
1800 (70.87)	1000 (39.37)	800 (31.50)	2	**NSYSFNV18**	**NSYSFNC108**	**NSYBPN1810**	**NSY2SPN188**	**NSYSFND18102D**	-	**NSYMP1810**
1800 (70.87)	1200 (47.24)	400 (15.75)	2	**NSYSFNV18**	**NSYSFNC124**	**NSYBPN1812**	**NSY2SPN184**	**NSYSFND18122D**	**NSYSFND18122DT**	**NSYMP1812**
1800 (70.87)	1200 (47.24)	500 (19.69)	2	**NSYSFNV18**	**NSYSFNC125**	**NSYBPN1812**	**NSY2SPN185**	**NSYSFND18122D**	**NSYSFND18122DT**	**NSYMP1812**
1800 (70.87)	1200 (47.24)	600 (23.62)	2	**NSYSFNV18**	**NSYSFNC126**	**NSYBPN1812**	**NSY2SPN186**	**NSYSFND18122D**	**NSYSFND18122DT**	**NSYMP1812**
1800 (70.87)	1200 (47.24)	800 (31.50)	2	**NSYSFNV18**	**NSYSFNC128**	**NSYBPN1812**	**NSY2SPN188**	**NSYSFND18122D**	**NSYSFND18122DT**	**NSYMP1812**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

PanelSeT SFN Kit: Modular Enclosures

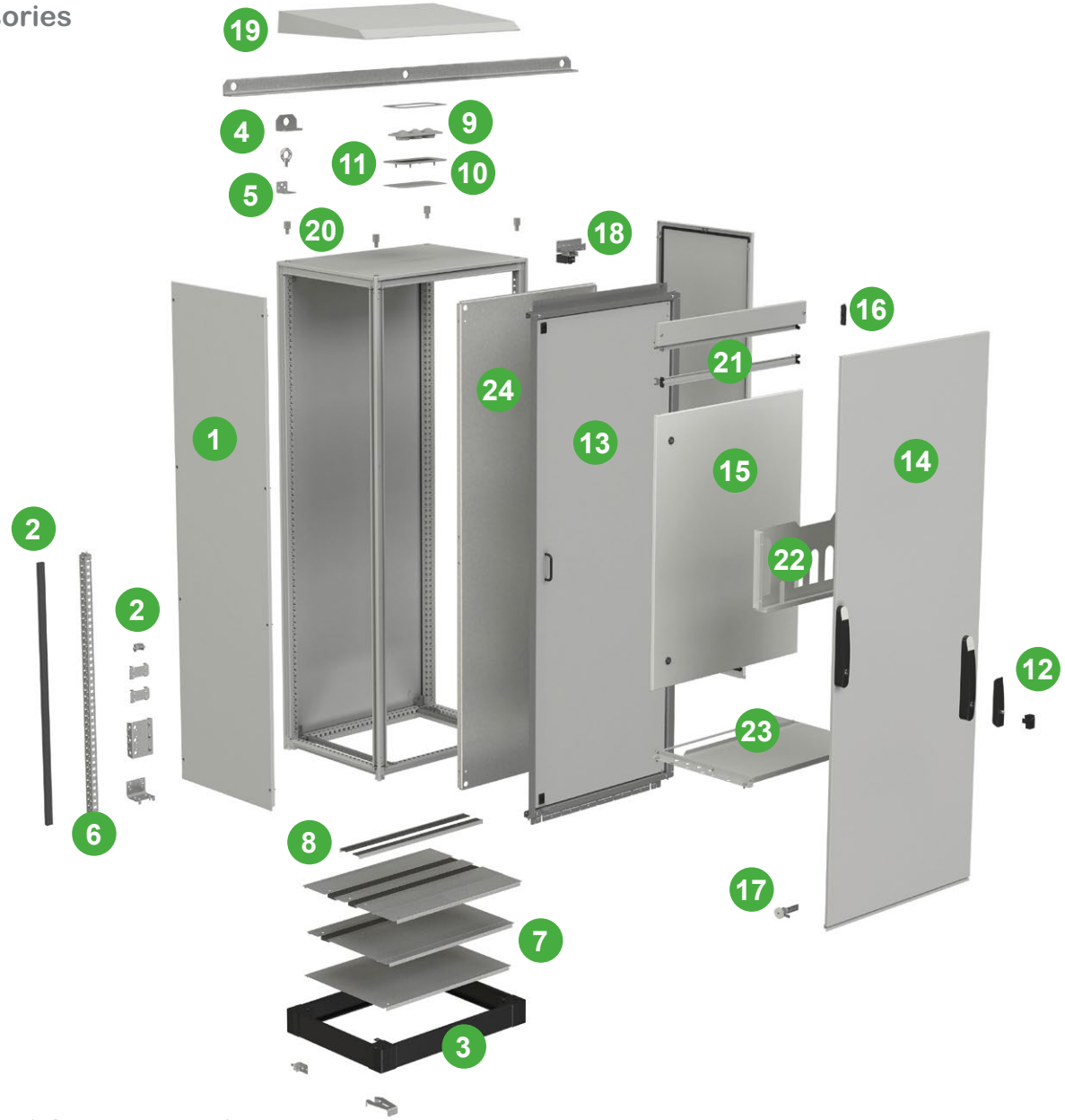
Selection Table

Dimensions mm (in.)				Vertical uprights	Bottom frame and top frame with roof	Panels		Doors		Mounting plate
				 NSYSFNV20	 NSYSFNC36	 NSYBPN2010	 NSYBPN224	 NSYSFN2010 (Hinges, locking bar catches and handle with 5-mm (0.2 in.) double-bar insert included.)	 NSYSFN2010T (Securit® glass, hinges, locking bar catches and handle with 5-mm (0.2 in.) double-bar insert included.)	 PB500477-7
(A) Height	(B) Width	(C) Depth	Doors	Standard	Frames	Rear panel	Side panel	Plain	Transparent	Standard
2000 (78.74)	300 (11.81)	500 (19.69)	1	NSYSFNV20	NSYSFNC35	NSYBPN203	NSY2SPN205	NSYSFND203	-	-
2000 (78.74)	300 (11.81)	600 (23.62)	1	NSYSFNV20	NSYSFNC36	NSYBPN203	NSY2SPN206	NSYSFND203	-	-
2000 (78.74)	300 (11.81)	800 (31.50)	1	NSYSFNV20	NSYSFNC38	NSYBPN203	NSY2SPN208	NSYSFND203	-	-
2000 (78.74)	400 (15.75)	400 (15.75)	1	NSYSFNV20	NSYSFNC44	NSYBPN204	NSY2SPN204	NSYSFND204	-	NSYMP204
2000 (78.74)	400 (15.75)	500 (19.69)	1	NSYSFNV20	NSYSFNC45	NSYBPN204	NSY2SPN205	NSYSFND204	-	NSYMP204
2000 (78.74)	400 (15.75)	600 (23.62)	1	NSYSFNV20	NSYSFNC46	NSYBPN204	NSY2SPN206	NSYSFND204	-	NSYMP204
2000 (78.74)	400 (15.75)	800 (31.50)	1	NSYSFNV20	NSYSFNC48	NSYBPN204	NSY2SPN208	NSYSFND204	-	NSYMP204
2000 (78.74)	600 (23.62)	400 (15.75)	1	NSYSFNV20	NSYSFNC64	NSYBPN206	NSY2SPN204	NSYSFND206	NSYSFND206T	NSYMP206
2000 (78.74)	600 (23.62)	500 (19.69)	1	NSYSFNV20	NSYSFNC65	NSYBPN206	NSY2SPN205	NSYSFND206	NSYSFND206T	NSYMP206
2000 (78.74)	600 (23.62)	600 (23.62)	1	NSYSFNV20	NSYSFNC66	NSYBPN206	NSY2SPN206	NSYSFND206	NSYSFND206T	NSYMP206
2000 (78.74)	600 (23.62)	800 (31.50)	1	NSYSFNV20	NSYSFNC68	NSYBPN206	NSY2SPN208	NSYSFND206	NSYSFND206T	NSYMP206
2000 (78.74)	600 (23.62)	1000 (39.37)	1	NSYSFNV20	NSYSFNC610	NSYBPN206	NSY2SPN2010	NSYSFND206	NSYSFND206T	NSYMP206
2000 (78.74)	600 (23.62)	1000 (39.37)	2	NSYSFNV20	NSYSFNC610	NSYBPN206	NSY2SPN2010	NSYSFND2062D	-	NSYMP206
2000 (78.74)	800 (31.50)	400 (15.75)	1	NSYSFNV20	NSYSFNC84	NSYBPN208	NSY2SPN204	NSYSFND208	NSYSFND208T	NSYMP208
2000 (78.74)	800 (31.50)	500 (19.69)	1	NSYSFNV20	NSYSFNC85	NSYBPN208	NSY2SPN205	NSYSFND208	NSYSFND208T	NSYMP208
2000 (78.74)	800 (31.50)	600 (23.62)	1	NSYSFNV20	NSYSFNC86	NSYBPN208	NSY2SPN206	NSYSFND208	NSYSFND208T	NSYMP208
2000 (78.74)	800 (31.50)	600 (23.62)	2	NSYSFNV20	NSYSFNC86	NSYBPN208	NSY2SPN206	NSYSFND2082D	-	NSYMP208
2000 (78.74)	800 (31.50)	800 (31.50)	1	NSYSFNV20	NSYSFNC88	NSYBPN208	NSY2SPN208	NSYSFND208	NSYSFND208T	NSYMP208
2000 (78.74)	800 (31.50)	800 (31.50)	2	NSYSFNV20	NSYSFNC88	NSYBPN208	NSY2SPN208	NSYSFND2082D	-	NSYMP208
2000 (78.74)	800 (31.50)	1000 (39.37)	1	NSYSFNV20	NSYSFNC810	NSYBPN208	NSY2SPN2010	NSYSFND208	NSYSFND208T	NSYMP208
2000 (78.74)	800 (31.50)	1000 (39.37)	2	NSYSFNV20	NSYSFNC810	NSYBPN208	NSY2SPN2010	NSYSFND208D	-	NSYMP208
2000 (78.74)	1000 (39.37)	400 (15.75)	1	NSYSFNV20	NSYSFNC104	NSYBPN2010	NSY2SPN204	NSYSFND2010	NSYSFND2010T	NSYMP2010
2000 (78.74)	1000 (39.37)	400 (15.75)	2	NSYSFNV20	NSYSFNC104	NSYBPN2010	NSY2SPN204	NSYSFND20102D	-	NSYMP2010
2000 (78.74)	1000 (39.37)	500 (19.69)	1	NSYSFNV20	NSYSFNC105	NSYBPN2010	NSY2SPN205	NSYSFND2010	NSYSFND2010T	NSYMP2010
2000 (78.74)	1000 (39.37)	500 (19.69)	2	NSYSFNV20	NSYSFNC105	NSYBPN2010	NSY2SPN205	NSYSFND20102D	-	NSYMP2010
2000 (78.74)	1000 (39.37)	600 (23.62)	1	NSYSFNV20	NSYSFNC106	NSYBPN2010	NSY2SPN206	NSYSFND2010	NSYSFND2010T	NSYMP2010
2000 (78.74)	1000 (39.37)	600 (23.62)	2	NSYSFNV20	NSYSFNC106	NSYBPN2010	NSY2SPN206	NSYSFND20102D	-	NSYMP2010
2000 (78.74)	1000 (39.37)	800 (31.50)	1	NSYSFNV20	NSYSFNC108	NSYBPN2010	NSY2SPN208	NSYSFND2010	NSYSFND2010T	NSYMP2010
2000 (78.74)	1000 (39.37)	800 (31.50)	2	NSYSFNV20	NSYSFNC108	NSYBPN2010	NSY2SPN208	NSYSFND20102D	-	NSYMP2010
2000 (78.74)	1200 (47.24)	400 (15.75)	2	NSYSFNV20	NSYSFNC124	NSYBPN2012	NSY2SPN204	NSYSFND20122D	NSYSFND20122DT	NSYMP2012
2000 (78.74)	1200 (47.24)	500 (19.69)	2	NSYSFNV20	NSYSFNC125	NSYBPN2012	NSY2SPN205	NSYSFND20122D	NSYSFND20122DT	NSYMP2012
2000 (78.74)	1200 (47.24)	600 (23.62)	2	NSYSFNV20	NSYSFNC126	NSYBPN2012	NSY2SPN206	NSYSFND20122D	NSYSFND20122DT	NSYMP2012
2000 (78.74)	1200 (47.24)	800 (31.50)	2	NSYSFNV20	NSYSFNC128	NSYBPN2012	NSY2SPN208	NSYSFND20122D	NSYSFND20122DT	NSYMP2012
2000 (78.74)	1600 (62.99)	400 (15.75)	2	NSYSFNV20	NSYSFNC164	NSYBPN2016	NSY2SPN204	NSYSFND20162D	-	NSYMP2016
2000 (78.74)	1600 (62.99)	500 (19.69)	2	NSYSFNV20	NSYSFNC165	NSYBPN2016	NSY2SPN205	NSYSFND20162D	-	NSYMP2016
2000 (78.74)	1600 (62.99)	600 (23.62)	2	NSYSFNV20	NSYSFNC166	NSYBPN2016	NSY2SPN206	NSYSFND20162D	-	NSYMP2016
2200 (86.61)	400 (15.75)	400 (15.75)	1	NSYSFNV22	NSYSFNC44	NSYBPN224	NSY2SPN224	NSYSFND224	-	NSYMP224
2200 (86.61)	400 (15.75)	500 (19.69)	1	NSYSFNV22	NSYSFNC45	NSYBPN224	NSY2SPN225	NSYSFND224	-	NSYMP224
2200 (86.61)	400 (15.75)	600 (23.62)	1	NSYSFNV22	NSYSFNC46	NSYBPN224	NSY2SPN226	NSYSFND224	-	NSYMP224
2200 (86.61)	400 (15.75)	800 (31.50)	1	NSYSFNV22	NSYSFNC48	NSYBPN224	NSY2SPN228	NSYSFND224	-	NSYMP224
2200 (86.61)	600 (23.62)	400 (15.75)	1	NSYSFNV22	NSYSFNC64	NSYBPN226	NSY2SPN224	NSYSFND226	NSYSFND226T	NSYMP226
2200 (86.61)	600 (23.62)	500 (19.69)	1	NSYSFNV22	NSYSFNC65	NSYBPN226	NSY2SPN225	NSYSFND226	NSYSFND226T	NSYMP226
2200 (86.61)	600 (23.62)	600 (23.62)	1	NSYSFNV22	NSYSFNC66	NSYBPN226	NSY2SPN226	NSYSFND226	NSYSFND226T	NSYMP226
2200 (86.61)	600 (23.62)	800 (31.50)	1	NSYSFNV22	NSYSFNC68	NSYBPN226	NSY2SPN228	NSYSFND226	NSYSFND226T	NSYMP226
2200 (86.61)	800 (31.50)	400 (15.75)	1	NSYSFNV22	NSYSFNC84	NSYBPN228	NSY2SPN224	NSYSFND228	NSYSFND228T	NSYMP228
2200 (86.61)	800 (31.50)	500 (19.69)	1	NSYSFNV22	NSYSFNC85	NSYBPN228	NSY2SPN225	NSYSFND228	NSYSFND228T	NSYMP228
2200 (86.61)	800 (31.50)	600 (23.62)	1	NSYSFNV22	NSYSFNC86	NSYBPN228	NSY2SPN226	NSYSFND228	NSYSFND228T	NSYMP228
2200 (86.61)	800 (31.50)	800 (31.50)	1	NSYSFNV22	NSYSFNC88	NSYBPN228	NSY2SPN228	NSYSFND228	NSYSFND228T	NSYMP228
2200 (86.61)	1000 (39.37)	400 (15.75)	1	NSYSFNV22	NSYSFNC104	NSYBPN2210	NSY2SPN224	NSYSFND2210	NSYSFND2210T	NSYMP2210
2200 (86.61)	1000 (39.37)	500 (19.69)	1	NSYSFNV22	NSYSFNC105	NSYBPN2210	NSY2SPN225	NSYSFND2210	NSYSFND2210T	NSYMP2210
2200 (86.61)	1000 (39.37)	600 (23.62)	1	NSYSFNV22	NSYSFNC106	NSYBPN2210	NSY2SPN226	NSYSFND2210	NSYSFND2210T	NSYMP2210
2200 (86.61)	1000 (39.37)	800 (31.50)	1	NSYSFNV22	NSYSFNC108	NSYBPN2210	NSY2SPN228	NSYSFND2210	NSYSFND2210T	NSYMP2210
2200 (86.61)	1200 (47.24)	400 (15.75)	2	NSYSFNV22	NSYSFNC124	NSYBPN2212	NSY2SPN224	NSYSFND22122D	NSYSFND22122DT	NSYMP2212
2200 (86.61)	1200 (47.24)	500 (19.69)	2	NSYSFNV22	NSYSFNC125	NSYBPN2212	NSY2SPN225	NSYSFND22122D	NSYSFND22122DT	NSYMP2212
2200 (86.61)	1200 (47.24)	600 (23.62)	2	NSYSFNV22	NSYSFNC126	NSYBPN2212	NSY2SPN226	NSYSFND22122D	NSYSFND22122DT	NSYMP2212
2200 (86.61)	1200 (47.24)	800 (31.50)	2	NSYSFNV22	NSYSFNC128	NSYBPN2212	NSY2SPN228	NSYSFND22122D	NSYSFND22122DT	NSYMP2212

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

PanelSeT SFN: Modular Enclosures

Accessories



Fixing and Composition Accessories

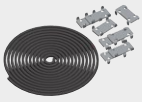
1



Fixing panels: side and partition

See details p. 387

2



Coupling kits and accessories

See details p. 390

3



Plinths and floor accessories

See details p. 402

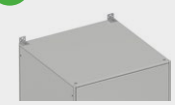
4



Lifting systems: eyebolts, brackets and bars

See details p. 394

5



Wall fixing support

See details p. 398

6



Vertical uprights

See details p. 361

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Cabling Accessories

7 Gland plates: plain, 1 entry, 2 entries



See details p. 431

8 Cables entry gaskets and sealing gaskets



See details p. 433

9 Membranes



See details p. 424

10 Entry plates and adapter for entry plates



See details p. 416

11 Flexicable



See details p. 422

Door Accessories

12 Inserts, keys, locks and handles



See details p. 447

13 Internal door



See details p. 440

14 Side door



See details p. 440

15 Partial door



See details p. 441

16 Hinges



See details p. 450

17 Door-centering caster



See details p. 453

18 Door switch



See details p. 451

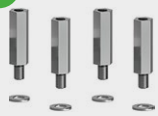
Other Accessories

19 Canopy



See details p. 395

20 Airing elevators for roof



See details p. 461

21 Intermediate crossbar



See details p. 452

22 Document pocket



See details p. 452

23 Support tray



See details p. 452

24 Mounting plate



See details p. 350

> For more information consult the Accessories chapter **page 342**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

PanelSeT SM: Compact Enclosures

Introduction





The PanelSeT SM is a range of enclosures ideal
for industrial automation and control appliances,
and for machinery.
It offers a large portfolio of dimensions and delivery options.

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.



Robust

- Body made as a single piece with welded rear panel
- Front part forming a rigid frame with welded corners



Easy to Install

- Height-adjustable door rails suitable for cable fixing
- Optional adapter profiles can be added to provide the same fixing points as the suitable enclosure PanelSeT SFN



Protection

- Environmental protection supported by the rigidity of the enclosure, the expanded-polyurethane sealing gasket, and the final welding
- Double-door enclosures with inner lock on the left door



Comfort

- Sturdy handle design for easy activation of the locking system, accommodating any insert shape and cylindrical combination key
- Easily interchangeable insert with one click

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Steel Floor-Standing Enclosures

Panel**SeT** SM: Compact Enclosures

Characteristics

Characteristics	Compact enclosures PanelSeT SM
	
	• Compact body with a front rigid frame with welded corners and rear panel supports installed in depth to adjust and fix the equipment with a pitch of 25 (0.98) mm (in.)
Basic composition	• The double doors are overlapping, with system for fixing the left door • Door reversible, 120° opening • Welded rear panel • System with 4 locking points with handle and 5 (0.20) mm (in.)double-bar insert • Cable gland plate with 1 entry • Mounting plate support brackets
Versions / Configurations	• Compact enclosure with plain door and mounting plate • Compact enclosure with plain door and without mounting plate • Compact enclosure with transparent Securit® glass door and without mounting plate
Protection of personnel	Earthing accessories needed to help ensure the grounding continuity, page 459
Material	Steel
Finish	Structured finish, epoxy polyester powder
Color	RAL 7035 gray
Ingress protection rating	IP55 according to IEC 60529
Mechanical protection rating	IK10 for plain door and IK08 for transparent door according to IEC 62262
Standards	Compliance with enclosure standard IEC 62208 and RoHS and REACH directive
Certifications	BV Marine, UL (cULus), Rating according UL50E: single-door enclosures: Types 1, 2, 3R, 4, 5 and 13. Double-door enclosures Types 1, 12
Installation	**Indoor** * Compliant with IEC 62208 regarding type tests specified in §9.12 (resistance to UV radiation) and §9.13 (resistance to corrosion) Canopy needed to avoid water stagnation on the upper part of the enclosure, page 395
Maximum load	500 (1102.3) kg (lbs)
Options	• Plinths, heights 100 (3.94) mm (in.) and 200 (7.87) mm (in.), page 402 • Lifting eyebolts, page 394 • Internal door, page 440 • Door accessories, page 452 • Other locking options, page 447 • Mounting plates and Telequick system, page 350

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

PanelSeT SM: Compact Enclosures

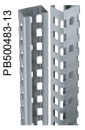
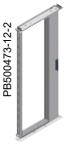
Selection Table

Dimensions mm (in.)				Enclosures			Plinth (H 100 mm (3.94 in.))	
				 PB500480-12	 PB500119-14	 PB500481-12	 PB500123-18	 PB500124-18
Height	Width	Depth	Doors	Plain door, without mounting plate	Plain door, with mounting plate	Transparent door, without mounting plate	Front kit (corners + front panels)	Side panels, 2 units
1200 (47.24)	800 (31.50)	300 (11.81)	1	**NSYSM12830**	**NSYSM12830P**	-	**NSYSPF8100**	**NSYSPS3100**
1200 (47.24)	1000 (39.37)	300 (11.81)	2	**NSYSM1210302D**	**NSYSM1210302DP**	-	**NSYSPF10100**	**NSYSPS3100**
1200 (47.24)	1200 (47.24)	400 (15.75)	2	**NSYSM1212402D**	**NSYSM1212402DP**	-	**NSYSPF12100**	**NSYSPS4100**
1400 (55.12)	600 (23.62)	300 (11.81)	1	**NSYSM14630**	**NSYSM14630P**	-	**NSYSPF6100**	**NSYSPS3100**
1400 (55.12)	600 (23.62)	400 (15.75)	1	**NSYSM14640**	**NSYSM14640P**	-	**NSYSPF6100**	**NSYSPS4100**
1400 (55.12)	800 (31.50)	300 (11.81)	1	**NSYSM14830**	**NSYSM14830P**	-	**NSYSPF8100**	**NSYSPS3100**
1400 (55.12)	800 (31.50)	400 (15.75)	1	**NSYSM14840**	**NSYSM14840P**	**NSYSM14840T**	**NSYSPF8100**	**NSYSPS4100**
1400 (55.12)	1000 (39.37)	400 (15.75)	2	**NSYSM1410402D**	**NSYSM1410402DP**	-	**NSYSPF10100**	**NSYSPS4100**
1400 (55.12)	1200 (47.24)	400 (15.75)	2	**NSYSM1412402D**	**NSYSM1412402DP**	-	**NSYSPF12100**	**NSYSPS4100**
1600 (62.99)	600 (23.62)	300 (11.81)	1	**NSYSM16630**	**NSYSM16630P**	-	**NSYSPF6100**	**NSYSPS3100**
1600 (62.99)	600 (23.62)	400 (15.75)	1	**NSYSM16640**	**NSYSM16640P**	**NSYSM16640T**	**NSYSPF6100**	**NSYSPS4100**
1600 (62.99)	800 (31.50)	300 (11.81)	1	**NSYSM16830**	**NSYSM16830P**	-	**NSYSPF8100**	**NSYSPS3100**
1600 (62.99)	800 (31.50)	400 (15.75)	1	**NSYSM16840**	**NSYSM16840P**	**NSYSM16840T**	**NSYSPF8100**	**NSYSPS4100**
1600 (62.99)	1000 (39.37)	300 (11.81)	2	**NSYSM1610302D**	**NSYSM1610302DP**	-	**NSYSPF10100**	**NSYSPS3100**
1600 (62.99)	1000 (39.37)	400 (15.75)	2	**NSYSM1610402D**	**NSYSM1610402DP**	-	**NSYSPF10100**	**NSYSPS4100**
1600 (62.99)	1200 (47.24)	300 (11.81)	2	**NSYSM1612302D**	**NSYSM1612302DP**	-	**NSYSPF12100**	**NSYSPS3100**
1600 (62.99)	1200 (47.24)	400 (15.75)	2	**NSYSM1612402D**	**NSYSM1612402DP**	-	**NSYSPF12100**	**NSYSPS4100**
1800 (70.87)	600 (23.62)	300 (11.81)	1	**NSYSM18630**	**NSYSM18630P**	-	**NSYSPF6100**	**NSYSPS3100**
1800 (70.87)	600 (23.62)	400 (15.75)	1	**NSYSM18640**	**NSYSM18640P**	**NSYSM18640T**	**NSYSPF6100**	**NSYSPS4100**
1800 (70.87)	600 (23.62)	500 (19.69)	1	**NSYSM18650**	**NSYSM18650P**	-	**NSYSPF6100**	**NSYSPS5100**
1800 (70.87)	800 (31.50)	300 (11.81)	1	**NSYSM18830**	**NSYSM18830P**	**NSYSM18830T**	**NSYSPF8100**	**NSYSPS3100**
1800 (70.87)	800 (31.50)	400 (15.75)	1	**NSYSM18840**	**NSYSM18840P**	**NSYSM18840T**	**NSYSPF8100**	**NSYSPS4100**
1800 (70.87)	800 (31.50)	500 (19.69)	1	**NSYSM18850**	**NSYSM18850P**	**NSYSM18850T**	**NSYSPF8100**	**NSYSPS5100**
1800 (70.87)	800 (31.50)	600 (23.62)	1	**NSYSM18860**	**NSYSM18860P**	-	**NSYSPF8100**	**NSYSPS6100**
1800 (70.87)	1000 (39.37)	400 (15.75)	1	**NSYSM181040**	**NSYSM181040P**	-	**NSYSPF10100**	**NSYSPS4100**
1800 (70.87)	1000 (39.37)	400 (15.75)	2	**NSYSM1810402D**	**NSYSM1810402DP**	-	**NSYSPF10100**	**NSYSPS4100**
1800 (70.87)	1000 (39.37)	500 (19.69)	2	**NSYSM1810502D**	**NSYSM1810502DP**	-	**NSYSPF10100**	**NSYSPS5100**
1800 (70.87)	1200 (47.24)	400 (15.75)	2	**NSYSM1812402D**	**NSYSM1812402DP**	-	**NSYSPF12100**	**NSYSPS4100**
1800 (70.87)	1200 (47.24)	500 (19.69)	2	**NSYSM1812502D**	**NSYSM1812502DP**	-	**NSYSPF12100**	**NSYSPS5100**
1800 (70.87)	1600 (62.99)	400 (15.75)	2	**NSYSM1816402D**	**NSYSM1816402DP**	-	**NSYSPF16100**	**NSYSPS4100**
1800 (70.87)	1600 (62.99)	500 (19.69)	2	**NSYSM1816502D**	**NSYSM1816502DP**	-	**NSYSPF16100**	**NSYSPS5100**
2000 (78.74)	600 (23.62)	300 (11.81)	1	**NSYSM20630**	**NSYSM20630P**	-	**NSYSPF6100**	**NSYSPS3100**
2000 (78.74)	600 (23.62)	400 (15.75)	1	**NSYSM20640**	**NSYSM20640P**	**NSYSM20640T**	**NSYSPF6100**	**NSYSPS4100**
2000 (78.74)	600 (23.62)	500 (19.69)	1	**NSYSM20650**	**NSYSM20650P**	-	**NSYSPF6100**	**NSYSPS5100**
2000 (78.74)	800 (31.50)	300 (11.81)	1	**NSYSM20830**	**NSYSM20830P**	**NSYSM20830T**	**NSYSPF8100**	**NSYSPS3100**
2000 (78.74)	800 (31.50)	400 (15.75)	1	**NSYSM20840**	**NSYSM20840P**	**NSYSM20840T**	**NSYSPF8100**	**NSYSPS4100**
2000 (78.74)	800 (31.50)	500 (19.69)	1	**NSYSM20850**	**NSYSM20850P**	**NSYSM20850T**	**NSYSPF8100**	**NSYSPS5100**
2000 (78.74)	800 (31.50)	600 (23.62)	1	**NSYSM20860**	**NSYSM20860P**	**NSYSM20860T**	**NSYSPF8100**	**NSYSPS6100**
2000 (78.74)	1000 (39.37)	400 (15.75)	2	**NSYSM2010402D**	**NSYSM2010402DP**	-	**NSYSPF10100**	**NSYSPS4100**
2000 (78.74)	1000 (39.37)	500 (19.69)	2	**NSYSM2010502D**	**NSYSM2010502DP**	-	**NSYSPF10100**	**NSYSPS5100**
2000 (78.74)	1200 (47.24)	400 (15.75)	2	**NSYSM2012402D**	**NSYSM2012402DP**	-	**NSYSPF12100**	**NSYSPS4100**
2000 (78.74)	1200 (47.24)	500 (19.69)	2	**NSYSM2012502D**	**NSYSM2012502DP**	-	**NSYSPF12100**	**NSYSPS5100**
2000 (78.74)	1200 (47.24)	600 (23.62)	2	**NSYSM2012602D**	**NSYSM2012602DP**	-	**NSYSPF12100**	**NSYSPS6100**
2000 (78.74)	1600 (62.99)	400 (15.75)	2	**NSYSM2016402D**	**NSYSM2016402DP**	-	**NSYSPF16100**	**NSYSPS4100**
2000 (78.74)	1600 (62.99)	500 (19.69)	2	**NSYSM2016502D**	**NSYSM2016502DP**	-	**NSYSPF16100**	**NSYSPS5100**
2000 (78.74)	1600 (62.99)	600 (23.62)	2	**NSYSM2016602D**	**NSYSM2016602DP**	-	**NSYSPF16100**	**NSYSPS6100**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

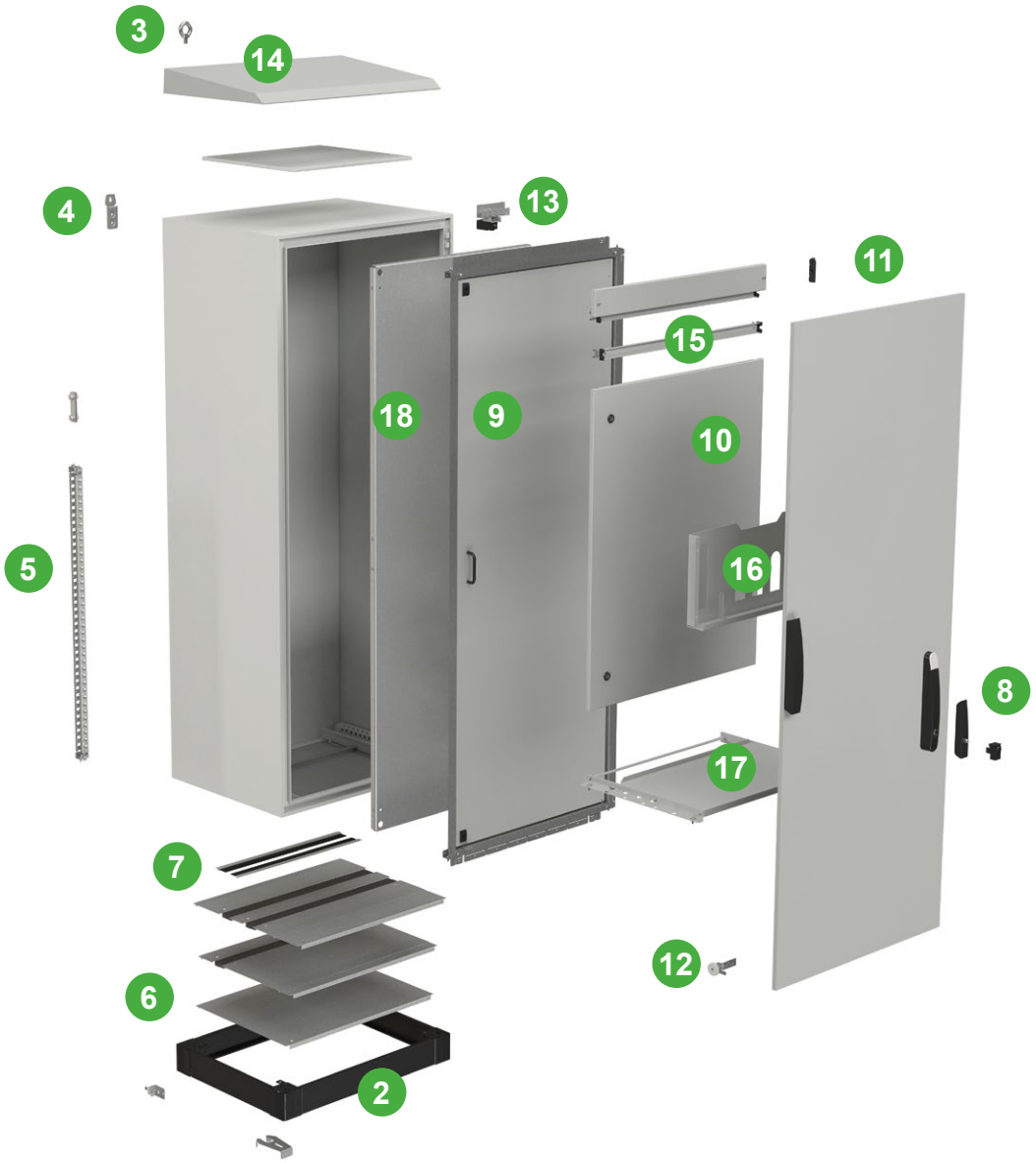
PanelSeT SM: Compact Enclosures

Selection Table

	Plinth (H 200 mm (7.87 in.))		Internal door	Mounting plate	Vertical uprights		19" swing rack				
	 PB500125-18 PB500126-13		 PB500475-12	 PB500477-7	 PB500482-10	 PB500483-13	 PB500473-12-2	 PB500473-12-1			
									Dimensions mm (in.)		
	Front kit (corners + front panels)	Side panels, 4 units	Plain door	Galvanized	Standard	Technical	Off-center	Centered	Height	Width	Depth
	NSYSPF8200	NSYSPS3200	-	NSYMP128	-	NSYTVR12	-	-	1200 (47.24)	800 (31.50)	300 (11.81)
	NSYSPF10200	NSYSPS3200	-	NSYMP1210	-	NSYTVR12	-	-	1200 (47.24)	1000 (39.37)	300 (11.81)
	NSYSPF12200	NSYSPS4200	-	NSYMP1212	-	NSYTVR12	-	-	1200 (47.24)	1200 (47.24)	400 (15.75)
	NSYSPF6200	NSYSPS3200	-	NSYMP146	-	NSYTVR14	-	-	1400 (55.12)	600 (23.62)	300 (11.81)
	NSYSPF6200	NSYSPS4200	-	NSYMP146	-	NSYTVR14	-	-	1400 (55.12)	600 (23.62)	400 (15.75)
	NSYSPF8200	NSYSPS3200	-	NSYMP148	-	NSYTVR14	NSYRSW27	-	1400 (55.12)	800 (31.50)	300 (11.81)
	NSYSPF8200	NSYSPS4200	-	NSYMP148	-	NSYTVR14	NSYRSW27	-	1400 (55.12)	800 (31.50)	400 (15.75)
	NSYSPF10200	NSYSPS4200	-	NSYMP1410	-	NSYTVR14	-	-	1400 (55.12)	1000 (39.37)	400 (15.75)
	NSYSPF12200	NSYSPS4200	-	NSYMP1412	-	NSYTVR14	-	-	1400 (55.12)	1200 (47.24)	400 (15.75)
	NSYSPF6200	NSYSPS3200	NSYID166	NSYMP166	-	NSYTVR16	-	-	1600 (62.99)	600 (23.62)	300 (11.81)
	NSYSPF6200	NSYSPS4200	NSYID166	NSYMP166	-	NSYTVR16	-	-	1600 (62.99)	600 (23.62)	400 (15.75)
	NSYSPF8200	NSYSPS3200	NSYID168	NSYMP168	-	NSYTVR16	NSYRSW31	-	1600 (62.99)	800 (31.50)	300 (11.81)
	NSYSPF8200	NSYSPS4200	NSYID168	NSYMP168	-	NSYTVR16	NSYRSW31	-	1600 (62.99)	800 (31.50)	400 (15.75)
	NSYSPF10200	NSYSPS3200	-	NSYMP1610	-	NSYTVR16	-	-	1600 (62.99)	1000 (39.37)	300 (11.81)
	NSYSPF10200	NSYSPS4200	-	NSYMP1610	-	NSYTVR16	-	-	1600 (62.99)	1000 (39.37)	400 (15.75)
	NSYSPF12200	NSYSPS3200	-	NSYMP1612	-	NSYTVR16	-	-	1600 (62.99)	1200 (47.24)	300 (11.81)
	NSYSPF12200	NSYSPS4200	-	NSYMP1612	-	NSYTVR16	-	-	1600 (62.99)	1200 (47.24)	400 (15.75)
	NSYSPF6200	NSYSPS3200	NSYID186	NSYMP186	NSYVR18	NSYTVR18	-	-	1800 (70.87)	600 (23.62)	300 (11.81)
	NSYSPF6200	NSYSPS4200	NSYID186	NSYMP186	NSYVR18	NSYTVR18	-	-	1800 (70.87)	600 (23.62)	400 (15.75)
	NSYSPF6200	NSYSPS5200	NSYID186	NSYMP186	NSYVR18	NSYTVR18	-	-	1800 (70.87)	600 (23.62)	500 (19.69)
	NSYSPF8200	NSYSPS3200	NSYID188	NSYMP188	NSYVR18	NSYTVR18	NSYRSW36	NSYRSWC36	1800 (70.87)	800 (31.50)	300 (11.81)
	NSYSPF8200	NSYSPS4200	NSYID188	NSYMP188	NSYVR18	NSYTVR18	NSYRSW36	NSYRSWC36	1800 (70.87)	800 (31.50)	400 (15.75)
	NSYSPF8200	NSYSPS5200	NSYID188	NSYMP188	NSYVR18	NSYTVR18	NSYRSW36	NSYRSWC36	1800 (70.87)	800 (31.50)	500 (19.69)
	NSYSPF8200	NSYSPS6200	NSYID188	NSYMP188	NSYVR18	NSYTVR18	NSYRSW36	NSYRSWC36	1800 (70.87)	800 (31.50)	600 (23.62)
	NSYSPF10200	NSYSPS4200	NSYID1810	NSYMP1810	NSYVR18	NSYTVR18	-	-	1800 (70.87)	1000 (39.37)	400 (15.75)
	NSYSPF10200	NSYSPS4200	NSYID1810	NSYMP1810	NSYVR18	NSYTVR18	-	-	1800 (70.87)	1000 (39.37)	400 (15.75)
	NSYSPF10200	NSYSPS5200	NSYID1810	NSYMP1810	NSYVR18	NSYTVR18	-	-	1800 (70.87)	1000 (39.37)	500 (19.69)
	NSYSPF12200	NSYSPS4200	-	NSYMP1812	NSYVR18	NSYTVR18	-	-	1800 (70.87)	1200 (47.24)	400 (15.75)
	NSYSPF12200	NSYSPS5200	-	NSYMP1812	NSYVR18	NSYTVR18	-	-	1800 (70.87)	1200 (47.24)	500 (19.69)
	NSYSPF16200	NSYSPS4200	-	NSYMP1816	NSYVR18	NSYTVR18	-	-	1800 (70.87)	1600 (62.99)	400 (15.75)
	NSYSPF16200	NSYSPS5200	-	NSYMP1816	NSYVR18	NSYTVR18	-	-	1800 (70.87)	1600 (62.99)	500 (19.69)
	NSYSPF6200	NSYSPS3200	NSYID206	NSYMP206	NSYVR20	NSYTVR20	-	-	2000 (78.74)	600 (23.62)	300 (11.81)
	NSYSPF6200	NSYSPS4200	NSYID206	NSYMP206	NSYVR20	NSYTVR20	-	-	2000 (78.74)	600 (23.62)	400 (15.75)
	NSYSPF6200	NSYSPS5200	NSYID206	NSYMP206	NSYVR20	NSYTVR20	-	-	2000 (78.74)	600 (23.62)	500 (19.69)
	NSYSPF8200	NSYSPS3200	NSYID208	NSYMP208	NSYVR20	NSYTVR20	NSYRSW40	NSYRSWC40	2000 (78.74)	800 (31.50)	300 (11.81)
	NSYSPF8200	NSYSPS4200	NSYID208	NSYMP208	NSYVR20	NSYTVR20	NSYRSW40	NSYRSWC40	2000 (78.74)	800 (31.50)	400 (15.75)
	NSYSPF8200	NSYSPS5200	NSYID208	NSYMP208	NSYVR20	NSYTVR20	NSYRSW40	NSYRSWC40	2000 (78.74)	800 (31.50)	500 (19.69)
	NSYSPF8200	NSYSPS6200	NSYID208	NSYMP208	NSYVR20	NSYTVR20	NSYRSW40	NSYRSWC40	2000 (78.74)	800 (31.50)	600 (23.62)
	NSYSPF10200	NSYSPS4200	NSYID2010	NSYMP2010	NSYVR20	NSYTVR20	-	-	2000 (78.74)	1000 (39.37)	400 (15.75)
	NSYSPF10200	NSYSPS5200	NSYID2010	NSYMP2010	NSYVR20	NSYTVR20	-	-	2000 (78.74)	1000 (39.37)	500 (19.69)
	NSYSPF12200	NSYSPS4200	-	NSYMP2012	NSYVR20	NSYTVR20	-	-	2000 (78.74)	1200 (47.24)	400 (15.75)
	NSYSPF12200	NSYSPS5200	-	NSYMP2012	NSYVR20	NSYTVR20	-	-	2000 (78.74)	1200 (47.24)	500 (19.69)
	NSYSPF12200	NSYSPS6200	-	NSYMP2012	NSYVR20	NSYTVR20	-	-	2000 (78.74)	1200 (47.24)	600 (23.62)
	NSYSPF16200	NSYSPS4200	-	NSYMP2016	NSYVR20	NSYTVR20	-	-	2000 (78.74)	1600 (62.99)	400 (15.75)
	NSYSPF16200	NSYSPS5200	-	NSYMP2016	NSYVR20	NSYTVR20	-	-	2000 (78.74)	1600 (62.99)	500 (19.69)
	NSYSPF16200	NSYSPS6200	-	NSYMP2016	NSYVR20	NSYTVR20	-	-	2000 (78.74)	1600 (62.99)	600 (23.62)

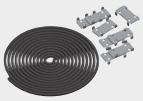
Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Steel Floor-Standing Enclosures
PanelSeT SM: Compact Enclosures
Accessories



Fixing and Coupling Accessories

1



Coupling kits and accessories

See details p. 390

2



Floor fixing plinths and accessories

See details p. 402

3



Lifting systems: eyebolts, brackets and bars

See details p. 394

4



Wall fixing support

See details p. 398

5



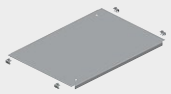
Vertical uprights

See details p. 361

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Cabling Accessories

6



Gland plates: plain, 1 entry, 2 entries

See details p. 430

7



Cables entry gaskets and sealing gaskets

See details p. 433

Door Accessories

8



Inserts, keys, locks and handles

See details p. 447

9



Internal door

See details p. 440

10



Partial door

See details p. 441

11



Hinges

See details p. 450

12



Door-centering caster

See details p. 453

13



Door switch

See details p. 451

Other Accessories

14



Canopy

See details p. 395

15



Intermediate crossbar

See details p. 452

16



Document pocket

See details p. 452

17



Support tray

See details p. 452

18



Mounting plate

See details p. 350

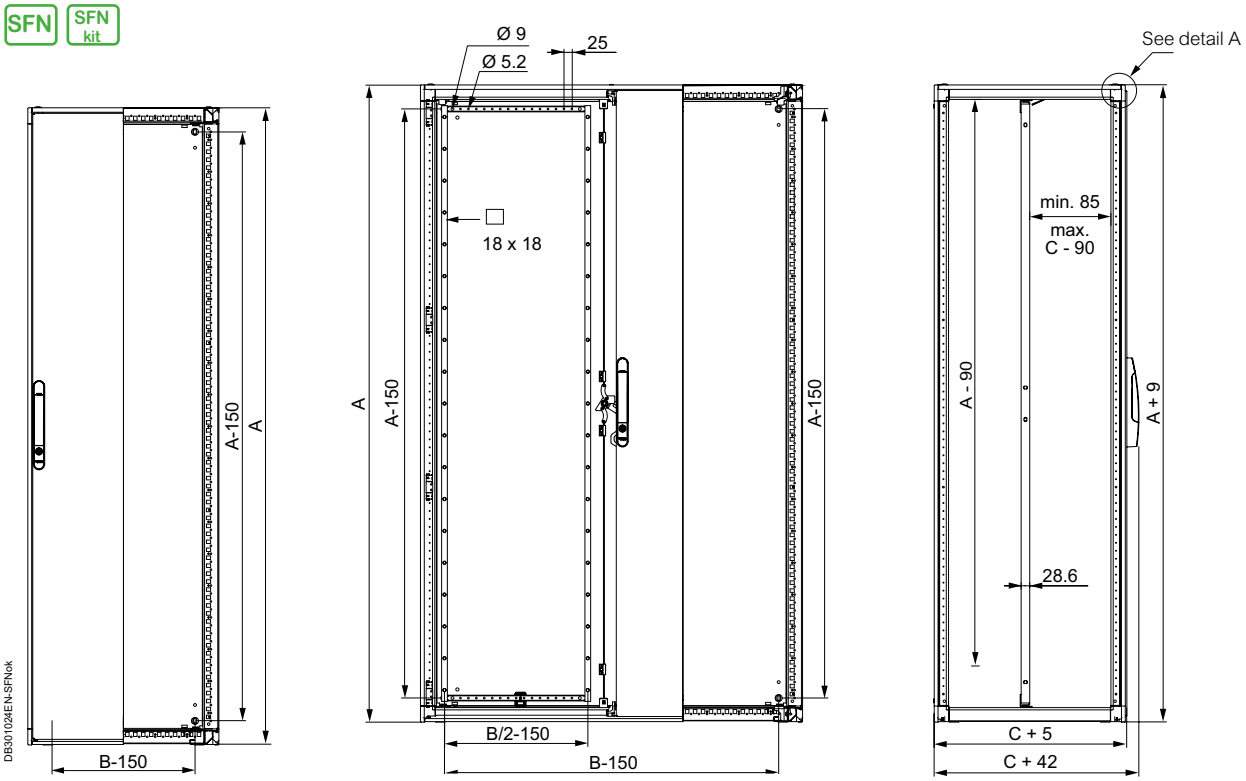
> For more information consult the Accessories chapter **page 342**

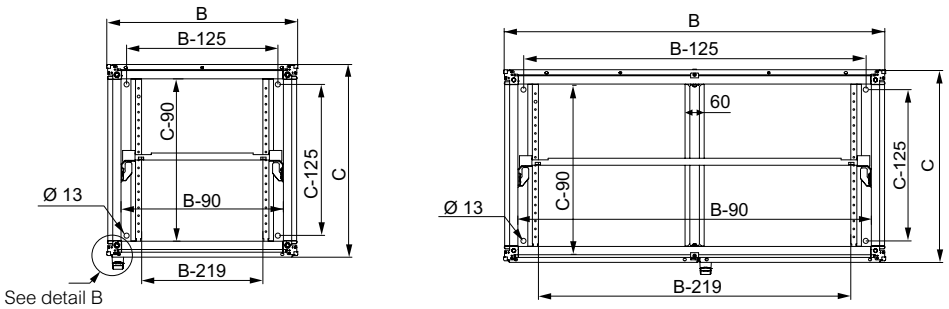
Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

PanelSeT SFN: Modular Enclosures

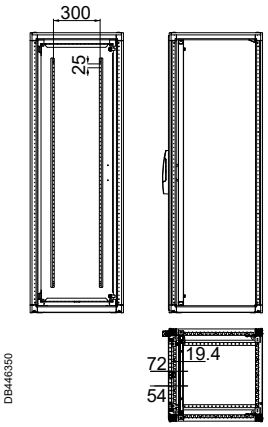
Dimensions

SFN | SFN kit

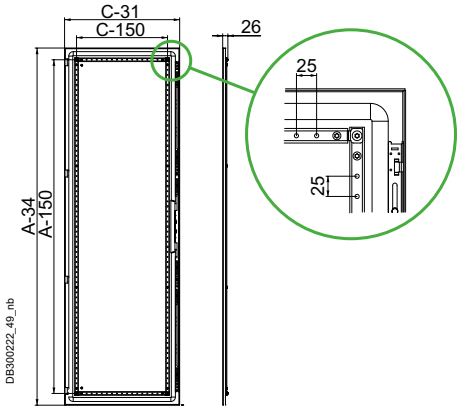




Internal door

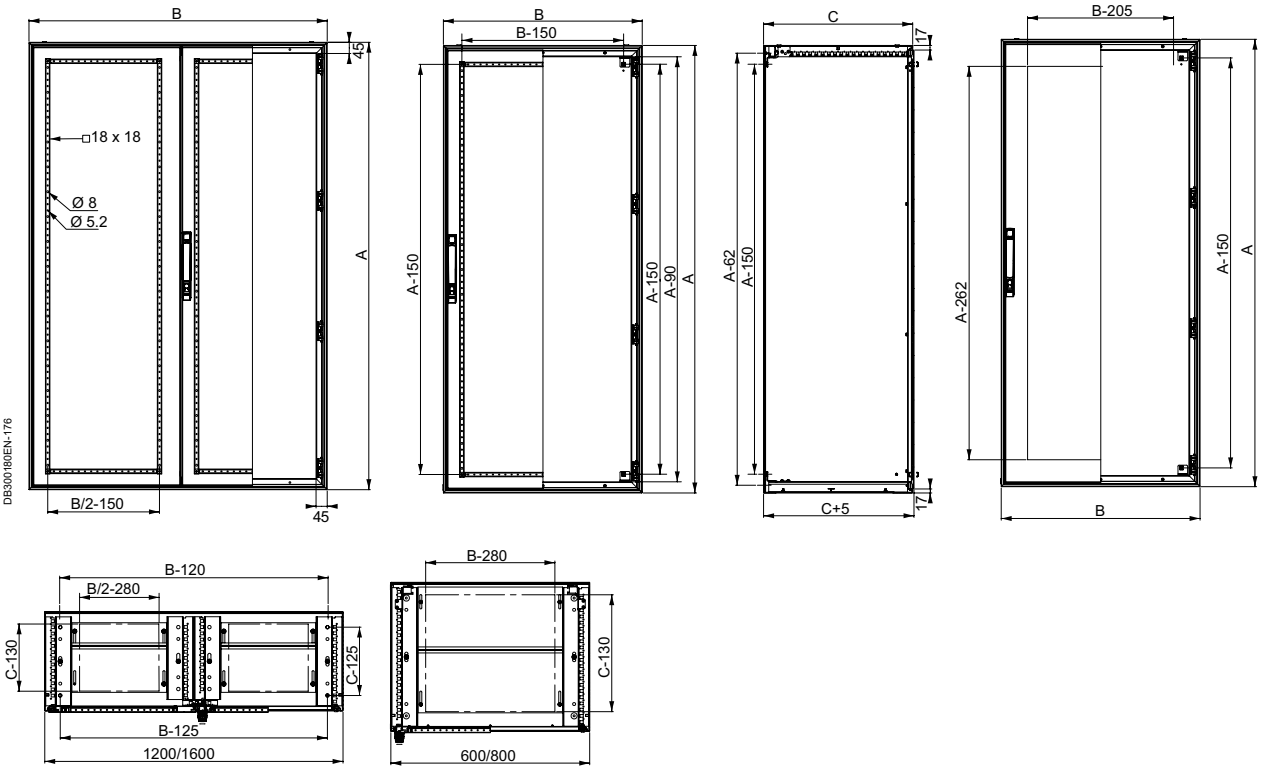


Side Door



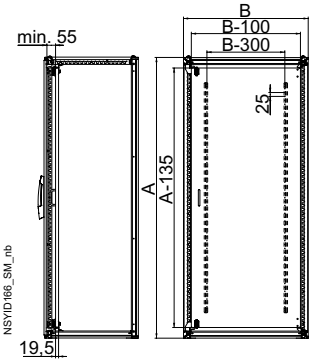
Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

SM



Models with a Width of 1200 mm (47.24 in.)
without Top/Bottom Adjustment Rails

Internal Door



Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Panel**SeT** Stainless-Steel Enclosures

Stainless-Steel Industrial Boxes



Stainless-Steel Wall-Mounted Enclosures



Stainless-Steel Floor-Standing Enclosures





Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Content

Stainless-Steel Enclosures Introduction	**84**
Stainless-Steel Industrial Boxes	**86**
Stainless-Steel Wall-Mounted Enclosures	**96**
Stainless-Steel Floor-Standing Enclosures	**106**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Stainless-Steel Enclosures Introduction



Why Use Stainless-Steel Enclosure

Chemical, oil, and food & beverage industries, among others, are particularly demanding in terms of hygiene and resistance to corrosion.
Our stainless-steel offer has been created to meet the constraints of these demanding environments.

Selecting the Right Stainless-Steel Composition

The following table shows the percentages of the main alloy elements that make up stainless-steels. The resistance of the material to aggressive agents in the environment depends mainly on these alloys.

Choosing the Right Composition

Stainless-steel type		Chemical composition (%)			
AISI grade	N. Europe	Carbon	Chromium	Nickel	Molybdenum
304L	1.4307	< 0.03	17 - 19	8 - 10	0
316L	1.4404	< 0.03	17 - 19	10 - 13	2 - 2.25



AISI 304L Stainless-Steel

This is the most commonly used type in the food and beverage industry because of its greater resistance to corrosion and ease of cleaning.

- Improved prevention against corrosion, especially in the presence of organic acids.
- Greater resistance to the effects of nitrous gas in the presence of condensed water and in most aggressive environments.



AISI 316L Stainless-Steel

It is recommended in salty or chlorinated environments because of its very high resistance to corrosion created by molybdenum.

- Improved resistance to corrosion.
- Particularly well adapted to environments with acidity, bromine and saline halides or very corrosive additives and solvents.

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Selecting the Finish to Enhance Stainless-Steel Properties

Three Solutions for Protection Against Aggressive Substances
Surface condition plays an important role in the fight against bacteria.
The lower the roughness, the fewer bacteria become incrusted.
Reduced roughness means fewer bacteria, less adhesion, and a finish that's impeccable.
The choice of finish determines the appearance of the enclosures
that matches the environment of other machines and equipment.



Solution 1: Scotch-Brite® Brushing (by Default)

Method:
- Use of brushing/polishing process as defined by the ASTM (American Society for Testing and Material)

Result:
- Reduced surface roughness (Ra ≤ 0.8 µm)
- Improved characteristics against polluting elements

Typical Application:
- Standard applications
- Very commonly used in chemical as well as food and beverage industries



Solution 2: Micro-Beading (on Request)

Method:
- High-speed bombardment of the surface with tiny ceramic balls which largely repairs cracks caused by lamination process

Result:
- Even surface with a silky-smooth appearance (hardly no scratches and burrs)
- Reduced surface roughness (Ra ≈ 0.8 µm)
- Increased hardness
- Reduced material adhesion
- Facilitated disinfection

Typical Application:
- Pharmaceutical and food and beverage industries



Solution 3: Protective Painting (on Request)

Method:
- Application of a protective coat of paint to the enclosure

Result:
- Compared to previous finish, improved protection against corrosion (aggressive substances, external pollution) and projections of metal particles

Typical Application:
- Marine, seaside, off-shore

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Panel**SeT** Stainless-Steel Enclosures

Stainless-Steel Industrial Boxes

Panel**SeT** SBX

PB503675_66_nb



Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Panel**SeT** SBX

Introduction	**88**
Characteristics	**90**
Selection Table	**91**
Accessories	**92**
Dimensions	**94**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

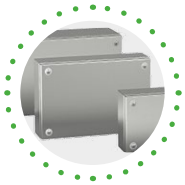
Panel**SeT** SBX

Introduction



This enclosure is ready to deliver the required protection in the industry's most challenging applications.

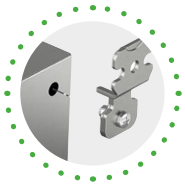
Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.



Diverse Range for Selection
- 6 sizes
- 80 (31.50) mm (in.) and 120 (47.24) mm (in.) in depth



Sturdy Enclosure with High Ingress Protection
- Thickness of 1.2 (0.47) mm (in.)
- Mechanical protection rating up to IK10
- Ingress protection rating up to IP66
- Protection NEMA type 4X, offering a high level of protection against corrosion and extreme environments (see page 485)



Added-Value for Your Work
- Quality and aesthetics
- Consistent with the dimensions of steel boxes (PanelSeT SBM)
- Mounting with versatile external brackets
- Certification (on request): UL, Veritas and BVM



Intuitive Ergonomics
- Cover opening and accessory mounting with a simple screwdriver

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Panel**SeT** SBX

Characteristics

Characteristics	PanelSeT SBX Flat box
	
	Box with plain faces Single-piece body (rectangular structure). Front design incorporating folded gutters. Flat rear. 2 drilled profiles for installing mounting plates and DIN rails, with mounting centers of 12.5 (0.49) mm (in.). Equipped with 4 half-turn thread screws to maximize maximum watertightness. Polyurethane sealing gasket. Earthing connection mandatory for all boxes: equipped with an M6 x 10 (0.39) mm (in.) earthing stud welded on the cover, to be linked with the body for equipotential connection. Earthing braid to be ordered separately (Ø 6.4 (0.25) mm (in.) terminal).
Material	AISI 304L stainless-steel, thickness of 1.2 (0.05) mm (in.).
Finish	Scotch-Brite® brushed.
Ingress protection rating	IP66 according to IEC 60529
Mechanical protection rating	IK10 according to IEC 62262
Compliance with standards	IEC 62208, RoHS and REACH directives.
Certifications	• UL (cULus), BV, BVM • Rating according UL50E: Types 4, 4X and 13
Installation	**Indoor installation** Direct wall-mounting (4 x Ø 10 (0.39) mm (in.) holes with sealing plugs to maintain the IP rating) or with the help of fixing lugs installed from the outside (to be ordered separately, see the specific accessory pages). Distance between mounting holes enables the installation of the box in the same locations as many existing enclosures. **Outdoor installation** Compliant with IEC 62208 regarding type tests specified in §9.12 resistance to ultra-violet (UV) radiation and §9.13 resistance to corrosion. It is always advisable to place the box under shelter to avoid water stagnation on the upper part of the enclosure.
Maximum load capacity	On the body: 50 (110.23) kg (lbs.)/m²
Other characteristics	**Vibration constraints** Specific construction of the PanelSeT SBX - Single-piece body. The rear is flat without added parts, which helps ensure compliance with certain vibration constraints. The tests were conducted according to the marine application by Bureau Veritas Marine.

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

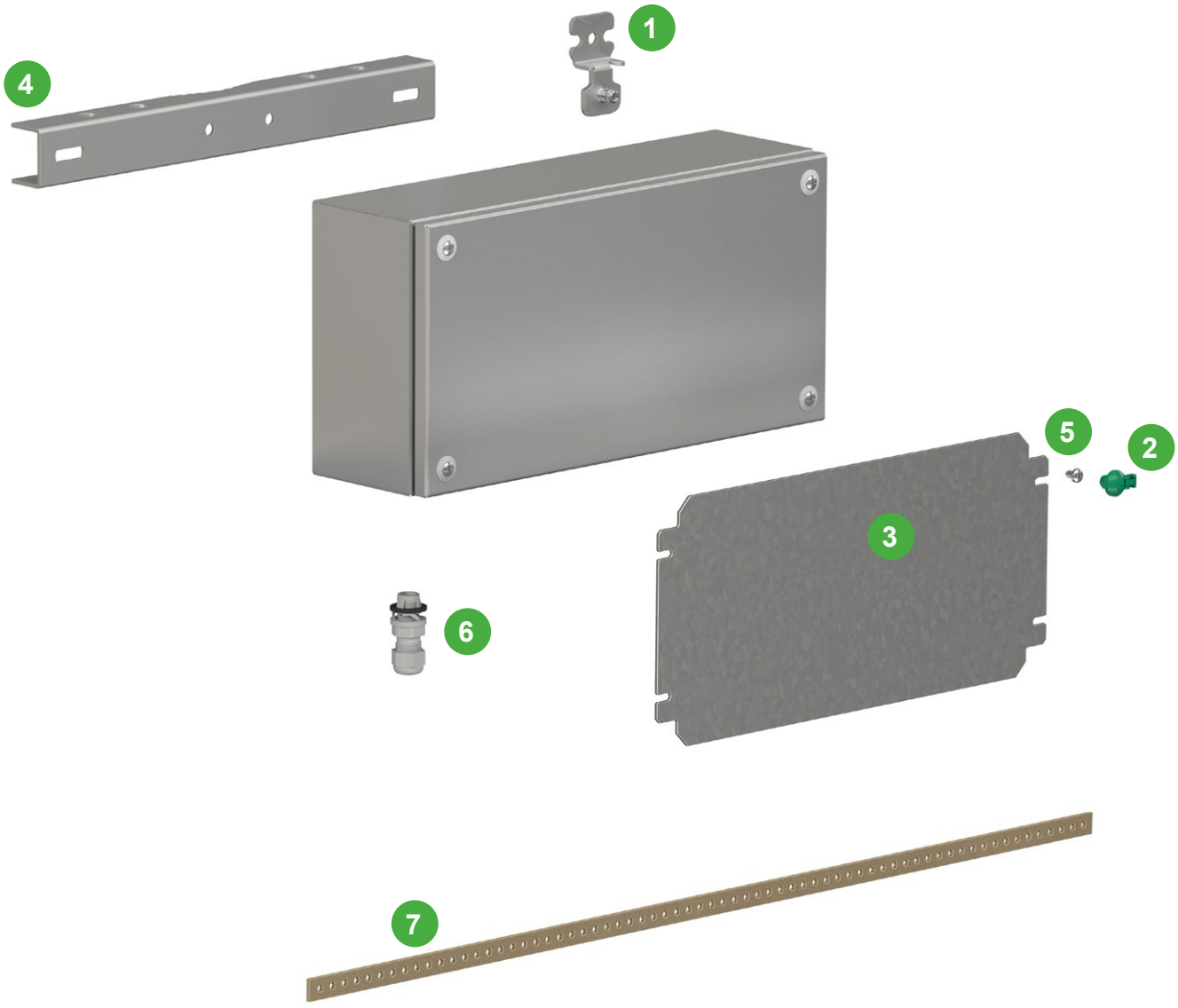
Stainless-Steel Industrial Boxes
PanelSeT SBX
Selection Table

			Box	Mounting plate	DIN rail	Fixing lugs	Sealing kit
							
Dimensions mm (in.)			Supply: 1 piece	Supply: 1 piece	Supply: 10 pieces	Supply: 4 pieces	Supply: 1 piece
Height	**Width**	**Depth**	**References**	**References**	**References**	**References**	**References**
150 (5.91)	150 (5.91)	80 (3.15)	**NSYSBX15158**	**NSYMM11SB**	**NSYAMRD15357SB**	**NSYAEFPFSBX**	**NSYPPSB**
150 (5.91)	300 (11.81)	80 (3.15)	**NSYSBX15308**	**NSYMM13SB**	**NSYAMRD30357SB**		
200 (7.87)	200 (7.87)	80 (3.15)	**NSYSBX20208**	**NSYMM22SB**	**NSYAMRD20357SB**		
200 (7.87)	300 (11.81)	80 (3.15)	**NSYSBX20308**	**NSYMM23SB**	**NSYAMRD30357SB**		
200 (7.87)	400 (15.75)	120 (4.72)	**NSYSBX204012**	**NSYMM24SB**	**NSYAMRD40357SB**		
300 (11.81)	300 (11.81)	120 (4.72)	**NSYSBX303012**	**NSYMM33SB**	**NSYAMRD30357SB**		

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Panel**SeT** SBX

Accessories



Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Fixing Accessories

1



Mounting lugs

See details p. 392

2



Sealing kit

See details p. 461

Mounting Accessories

3



Mounting plates

See details p. 344

4



Symmetrical DIN rails

See details p. 359

5



Self-tapping screws

See details p. 461

Other Accessories

6



Cable glands

See details p. 428

7



Earthing accessories

See details p. 459

> For more information consult the Accessories chapter **page 342**

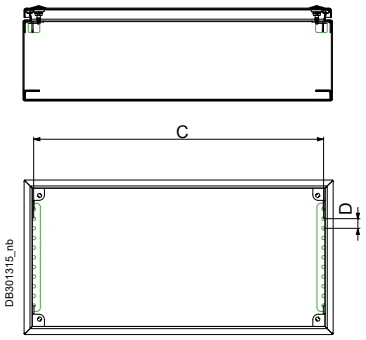
Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Stainless-Steel Industrial Boxes

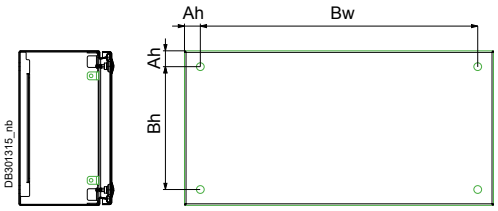
Panel**SeT** SBX

Dimensions

Section A-A



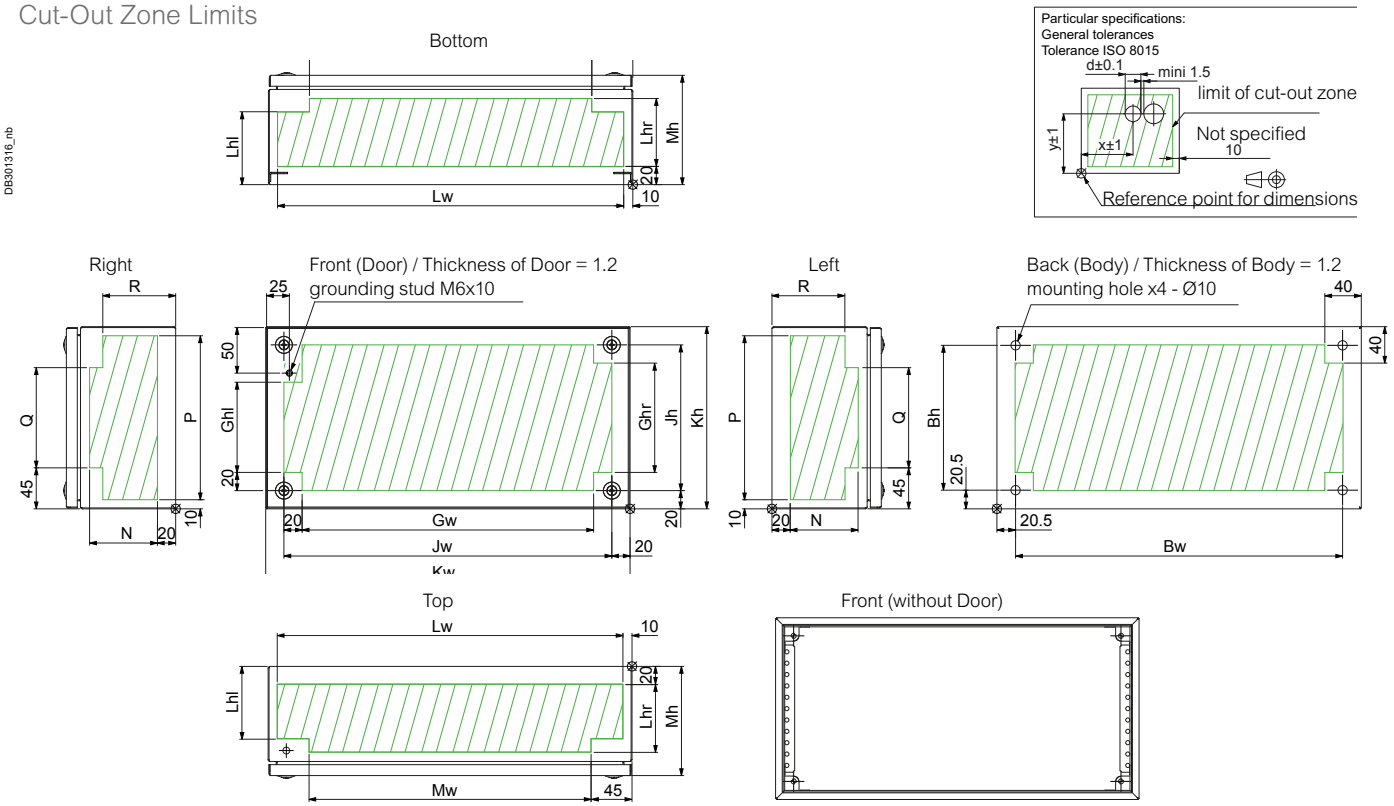
Section B-B



Dimensions mm (in.)			**Sheet thickness** mm (in.)	**Box installation** mm (in.)			**Mounting** mm (in.)	
Height	**Width**	**Depth**		**Ah**	**Bh**	**Bw**	**C**	**D**
150 (5.91)	150 (5.91)	80 (3.15)	1.2 (0.05)	20.5 (0.81)	109 (4.29)	109 (4.29)	125 (4.92)	12.5 (0.49)
150 (5.91)	300 (11.81)	80 (3.15)	1.2 (0.05)	20.5 (0.81)	109 (4.29)	259 (10.20)	275 (10.83)	12.5 (0.49)
200 (7.87)	200 (7.87)	80 (3.15)	1.2 (0.05)	20.5 (0.81)	159 (6.26)	159 (6.26)	175 (6.89)	12.5 (0.49)
200 (7.87)	300 (11.81)	80 (3.15)	1.2 (0.05)	20.5 (0.81)	159 (6.26)	259 (10.20)	275 (10.83)	12.5 (0.49)
200 (7.87)	400 (15.75)	120 (4.72)	1.2 (0.05)	20.5 (0.81)	159 (6.26)	359 (14.13)	375 (14.76)	12.5 (0.49)
300 (11.81)	300 (11.81)	120 (4.72)	1.2 (0.05)	20.5 (0.81)	259 (10.20)	259 (10.20)	275 (10.83)	12.5 (0.49)

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Cut-Out Zone Limits



Dimensions mm (in.)			References	Dimensions of permissible cut-out zone mm (in.)																
Height	Width	Depth		Bh	Bw	Ghr	Ghl	Gw	Jh	Jw	Kh	Kw	Lhl	Lhr	Lw	Mh	Mw	N	P	Q	R
150 (5.91)	150 (5.91)	80 (3.15)	**NSYSBX15158**	109 (4.29)	109 (4.29)	70 (2.76)	49 (1.93)	70 (2.76)	110 (4.33)	110 (4.33)	150 (5.91)	150 (5.91)	40 (1.57)	34.5 (1.36)	130 (5.12)	80 (3.15)	60 (2.36)	34.5 (1.36)	130 (5.12)	60 (2.36)	40 (1.57)
150 (5.91)	300 (11.81)	80 (3.15)	**NSYSBX15308**	109 (4.29)	259 (10.20)	70 (2.76)	49 (1.93)	220 (8.66)	110 (4.33)	260 (10.24)	150 (5.91)	300 (11.81)	40 (1.57)	34.5 (1.36)	280 (11.02)	80 (3.15)	210 (8.27)	34.5 (1.36)	130 (5.12)	60 (2.36)	40 (1.57)
200 (7.87)	200 (7.87)	80 (3.15)	**NSYSBX20208**	159 (6.26)	159 (6.26)	120 (4.72)	99 (3.90)	120 (4.72)	160 (6.30)	160 (6.30)	200 (7.87)	200 (7.87)	40 (1.57)	34.5 (1.36)	180 (7.09)	80 (3.15)	110 (4.33)	34.5 (1.36)	180 (7.09)	110 (4.33)	40 (1.57)
200 (7.87)	300 (11.81)	80 (3.15)	**NSYSBX20308**	159 (6.26)	259 (10.20)	120 (4.72)	99 (3.90)	220 (8.66)	160 (6.30)	260 (10.24)	200 (7.87)	300 (11.81)	40 (1.57)	34.5 (1.36)	280 (11.02)	80 (3.15)	210 (8.27)	34.5 (1.36)	180 (7.09)	110 (4.33)	40 (1.57)
200 (7.87)	400 (15.75)	120 (4.72)	**NSYSBX204012**	159 (6.26)	359 (14.13)	120 (4.72)	99 (3.90)	320 (12.60)	160 (6.30)	360 (14.17)	200 (7.87)	400 (15.75)	80 (3.15)	74.5 (2.93)	380 (14.96)	120 (4.72)	310 (12.20)	74.5 (2.93)	180 (7.09)	110 (4.33)	80 (3.15)
300 (11.81)	300 (11.81)	120 (4.72)	**NSYSBX303012**	259 (10.20)	259 (10.20)	220 (8.66)	199 (7.83)	220 (8.66)	260 (10.24)	260 (10.24)	300 (11.81)	300 (11.81)	80 (3.15)	74.5 (2.93)	280 (11.02)	120 (4.72)	210 (8.27)	74.5 (2.93)	280 (11.02)	210 (8.27)	80 (3.15)

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Panel**SeT** Stainless-Steel Enclosures

Stainless-Steel Wall-Mounted Enclosures

Panel**SeT** S3X

PB500075_40_nb



Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Panel**SeT** S3X

Introduction	**98**
Characteristics	**100**
Selection Table	**101**
Accessories	**102**
Dimensions	**104**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Stainless-Steel Wall-Mounted Enclosures

Panel**SeT** S3X

Introduction



These enclosures designed specifically for the chemical, oil and food and beverage industries, among others, which are particularly demanding in terms of hygiene and resistance to corrosion.

This enclosure is ready to deliver the protection you need in the industry's most challenging applications.

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.



Material Type and Custom Finish Choices
- Two types of steel: 304L and 316L
- Scotch-Brite® brushed finish offered as standard
- Painted or micro-beaded finish (on request)



Large Range of Accessories
- Stainless-steel accessories: canopy, wall fixing lugs
- Standard accessories: mounting plate, internal door, modular chassis and step slides
- Large selection of locks made of 100% stainless-steel



Enhanced Sealing
- Protection rating of IP66 (1 door) or IP55 (2 doors)
- NEMA Type 4, 4X, 13
- Sealing polyurethane gasket
- Gutter-shaped front profile
- Three locking points in the double-door version



High Robustness and Durability
High resistance to external mechanical impacts:
- IK10: plain door, IK08: glazed door
- Door reinforcement frame or profile
- Stainless-steel hinges



Time Savings and Easy Assembly
- 304L or 316L stainless-steel wall fixing lugs
- Vertical reinforcement perforated profiles, which make it easier to equip the door
- Reversible door opening to 120°
- Easy installation directly on the machine thanks to the 4 rear drilled holes

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Panel**SeT** S3X

Characteristics

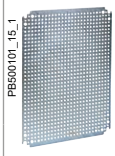
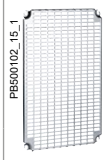
Characteristics	NSYS3X●●●●	NSYS3X●●●●T	NSYS3X●●●●H
			
Comment: For dimensions see page 104	304L stainless-steel Enclosure with plain door	304L stainless-steel Enclosure with glazed door, Securit® glass, 4 (0.16) mm (in.) thick	316L stainless-steel Enclosure with plain door
Material	AISI 304L		AISI 316L
Finish	Scotch-Brite® brushed		
Thickness	10 (0.40)/10[e] - 15 (0.59)/10[e] mm (in.)		
Ingress protection rating	• IP66 (1 door) or IP55 (2 doors) according to IEC 60529 • Rating according to UL50E: Types 4,4X and 13 for single-door and Types 1 and 12 for double-door enclosures.		
Mechanical protection rating	IK10 according to IEC 62262	IK08 according to IEC 62262	IK10 according to IEC 62262
Standards and certifications	UL (cULus) - See technical guide on page 480		
Installation	Suitable for outdoor installation, but consideration of environmental aggressiveness is advised. Compliant with IEC 62208 regarding type tests specified in §9.12 (resistance to ultra-violet (UV) radiation) and §9.13 (resistance to corrosion) It is always advisable to install a canopy to reduce water stagnation on the upper part of the enclosure		
Other characteristics	• Single-piece body (cross-shaped structure) with gutter-shaped front profile • 4 or 6 rear studs for mounting plate fixation • 2 cut-out vertical profiles on the door (from a height of 600 (23.62) mm (in.)), with drill holes with a diameter of 4.25 (0.17) mm (in.) and a pitch of 25 (0.98) mm (in.) for accessory installation • Door reinforcement frame (from a height of 1000 mm (39.37 in.)), cross-section of 20 (0.79) mm (in.) x 15 (0.59) mm (in.), with drilled holes with a diameter of 5 (0.20)mm (in.) and a pitch of 25 (0.98) mm (in.) • Standard lock with 3 (0.12) mm (in.) double-bar lock (chrome-plated zamak) • 2 locking points for heights of more than 500 (19.68) mm (in.) or three points for two-door enclosures • Stainless-steel hinges screwed to the body of the enclosure. They make it easier to remove and invert the door. Opening angle: 120° • Maximum load on the door: 50 (110.23) kg (lbs.)/m² • Polyurethane gasket • M6 x 16 (0.63) mm (in.) screws on the door and on the body, allowing equipotential connection between the earth connections (on request) • 4 holes for fixing to the wall directly or with the help of mounting lugs (sold separately), sealed by sealing plugs		

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Stainless-Steel Wall-Mounted Enclosures
PanelSeT S3X
Selection Table

External dimensions mm (in.)					304L stainless-steel		316L stainless-steel
							
Height	Width	Depth	No. of locks	No. of doors	References		
300 (11.81)	200 (7.87)	150 (5.91)	1	1	**NSYS3X3215**	-	**NSYS3X3215H**
300 (11.81)	250 (9.84)	150 (5.91)	1	1	**NSYS3X302515**	-	**NSYS3X302515H**
300 (11.81)	300 (11.81)	150 (5.91)	1	1	**NSYS3X3315**	-	**NSYS3X3315H**
400 (15.75)	300 (11.81)	150 (5.91)	1	1	**NSYS3X4315**	-	**NSYS3X4315H**
400 (15.75)	300 (11.81)	200 (7.87)	1	1	**NSYS3X4320**	**NSYS3X4320T**	**NSYS3X4320H**
400 (15.75)	400 (15.75)	200 (7.87)	1	1	**NSYS3X4420**	-	**NSYS3X4420H**
400 (15.75)	600 (23.62)	200 (7.87)	1	1	**NSYS3X4620**	-	**NSYS3X4620H**
500 (19.69)	400 (15.75)	200 (7.87)	2	1	**NSYS3X5420**	**NSYS3X5420T**	**NSYS3X5420H**
600 (23.62)	400 (15.75)	200 (7.87)	2	1	**NSYS3X6420**	**NSYS3X6420T**	**NSYS3X6420H**
600 (23.62)	600 (23.62)	250 (9.84)	2	1	**NSYS3X6625**	-	**NSYS3X6625H**
600 (23.62)	1000 (39.37)	300 (11.81)	(1)	2	**NSYS3X601030**	-	-
600 (23.62)	1200 (47.24)	300 (11.81)	(1)	2	**NSYS3X601230**	-	-
700 (27.56)	500 (19.69)	250 (9.84)	2	1	**NSYS3X7525**	**NSYS3X7525T**	**NSYS3X7525H**
800 (31.50)	600 (23.62)	250 (9.84)	2	1	**NSYS3X8625**	**NSYS3X8625T**	**NSYS3X8625H**
800 (31.50)	800 (31.50)	300 (11.81)	2	1	**NSYS3X8830**	-	**NSYS3X8830H**
800 (31.50)	1000 (39.37)	300 (11.81)	(1)	2	**NSYS3X801030**	-	-
800 (31.50)	1200 (47.24)	300 (11.81)	(1)	2	**NSYS3X801230**	-	-
1000 (39.37)	800 (31.50)	300 (11.81)	2	1	**NSYS3X10830**	**NSYS3X10830T**	**NSYS3X10830H**
1000 (39.37)	1000 (39.37)	300 (11.81)	(1)	2	**NSYS3X101030**	-	**NSYS3X101030H**
1200 (47.24)	800 (31.50)	300 (11.81)	2	1	**NSYS3X12830**	-	**NSYS3X12830H**
1200 (47.24)	1000 (39.37)	300 (11.81)	(1)	2	**NSYS3X121030**	-	**NSYS3X121030H**

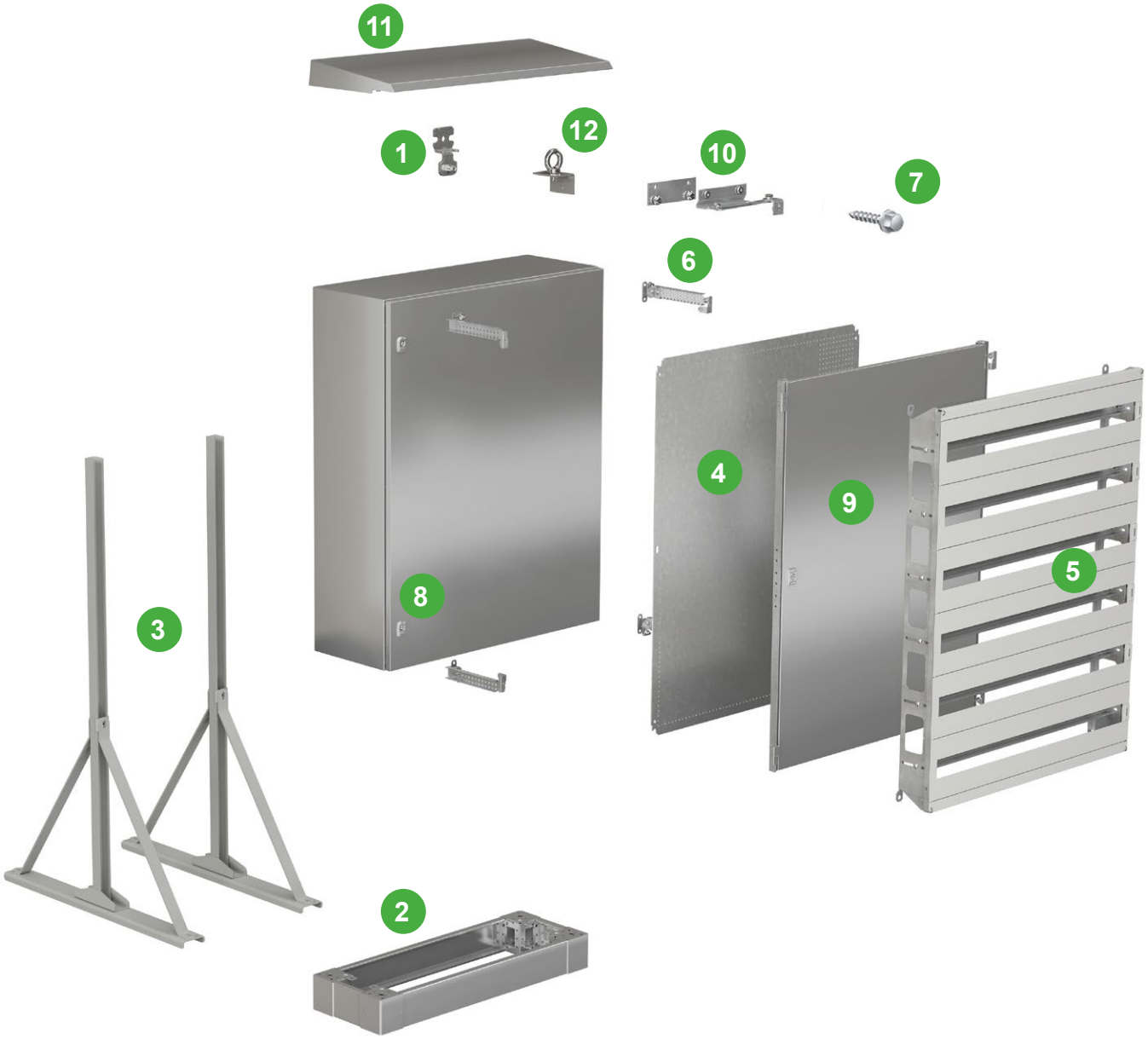
(1) Three-point locking system.

External dimensions mm (in.)				Mounting Plates			Chassis	Step Slides
								
Height	Width	Depth	Number of modules	Plain	Microperforated	Telequick	Modular Chassis	Step slides
300 (11.81)	200 (7.87)	150 (5.91)	-	**NSYMM32**	**NSYMF32**	**NSYMR32**	-	-
300 (11.81)	250 (9.84)	150 (5.91)	-	**NSYMM3025**	-	**NSYMR3025**	-	-
300 (11.81)	300 (11.81)	150 (5.91)	-	**NSYMM33**	**NSYMF33**	**NSYMR33**	-	-
400 (15.75)	300 (11.81)	150 (5.91)	24	**NSYMM43**	**NSYMF43**	**NSYMR43**	**NSYDLM24**	-
400 (15.75)	300 (11.81)	200 (7.87)	24	**NSYMM43**	**NSYMF43**	**NSYMR43**	**NSYDLM24**	**NSYSDCR200**
400 (15.75)	400 (15.75)	200 (7.87)	-	**NSYMM44**	**NSYMF44**	**NSYMR44**	-	**NSYSDCR200**
400 (15.75)	600 (23.62)	200 (7.87)	-	**NSYMM64**	**NSYMF64**	**NSYMR46**	-	**NSYSDCR200**
500 (19.69)	400 (15.75)	200 (7.87)	48	**NSYMM54**	**NSYMF54**	**NSYMR54**	**NSYDLM48**	**NSYSDCR200**
600 (23.62)	400 (15.75)	200 (7.87)	48	**NSYMM64**	**NSYMF64**	**NSYMR64**	**NSYDLM48P**	**NSYSDCR200**
600 (23.62)	600 (23.62)	250 (9.84)	84	**NSYMM66**	**NSYMF66**	**NSYMR66**	**NSYDLM84P**	**NSYSDCR250**
600 (23.62)	1000 (39.37)	300 (11.81)*	-	**NSYMM106**	**NSYMF106**	**NSYMR106**	-	**NSYSDCR300**
600 (23.62)	1200 (47.24)	300 (11.81)*	-	**NSYMM126**	**NSYMF126**	-	-	**NSYSDCR300**
700 (27.56)	500 (19.69)	250 (9.84)	66	**NSYMM75**	**NSYMF75**	**NSYMR75**	**NSYDLM66**	**NSYSDCR250**
700 (27.56)	500 (19.69)	250 (9.84)	88	-	-	-	**NSYDLM88**	-
800 (31.50)	600 (23.62)	250 (9.84)	84	**NSYMM86**	**NSYMF86**	**NSYMR86**	**NSYDLM84**	**NSYSDCR250**
800 (31.50)	600 (23.62)	250 (9.84)	112	-	-	-	**NSYDLM112**	-
800 (31.50)	800 (31.50)	300 (11.81)	-	**NSYMM88**	**NSYMF88**	**NSYMR88**	-	**NSYSDCR300**
800 (31.50)	1000 (39.37)	300 (11.81) (1)	-	**NSYMM108**	**NSYMF108**	**NSYMR108**	-	**NSYSDCR300**
800 (31.50)	1200 (47.24)	300 (11.81) (1)	-	**NSYMM128**	**NSYMF128**	**NSYMR128**	-	**NSYSDCR300**
1000 (39.37)	800 (31.50)	300 (11.81)	234	**NSYMM108**	**NSYMF108**	**NSYMR108**	**NSYDLM240**	**NSYSDCR300**
1000 (39.37)	1000 (39.37)	300 (11.81)	-	**NSYMM1010**	**NSYMF1010**	**NSYMR1010**	-	**NSYSDCR300**
1200 (47.24)	800 (31.50)	300 (11.81)	-	**NSYMM128**	**NSYMF128**	**NSYMR128**	-	**NSYSDCR300**
1200 (47.24)	1000 (39.37)	300 (11.81)	-	**NSYMM1210**	**NSYMF1210**	**NSYMR1210**	-	**NSYSDCR300**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Panel**SeT** S3X

Accessories



Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Fixing and Composition Accessories

1



Mounting lugs

See details p. 392

2



Plinths

See details p. 403

3



Support bracket

See details p. 398

Mounting Accessories

4



Mounting plates plain, microperforated and Telequick

See details p. 345

5



Modular chassis

See details p. 374

6



Step sides

See details p. 382

7

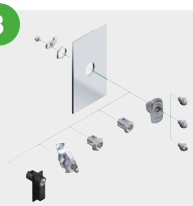


Mounting plate screw

See details p. 386

Door Accessories

8



Inserts, keys, locks and handles

See details p. 442

9



Internal door

See details p. 438

10



Door switch and retainer

See details p. 451

Other Accessories

11



Canopy

See details p. 396

12



Eyebolts

See details p. 394

> For more information consult the Accessories chapter **page 342**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Panel**SeT** S3X

Dimensions

Fig. 1

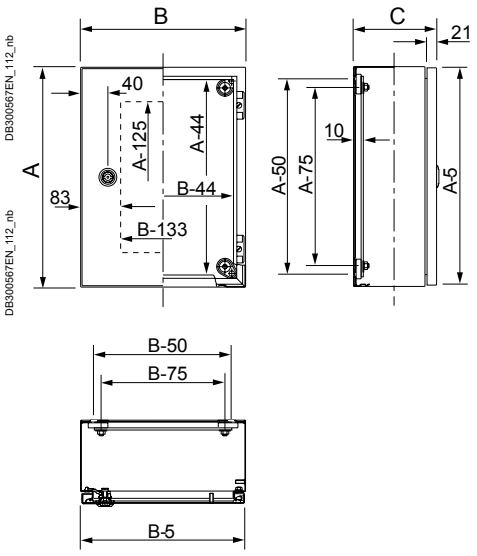
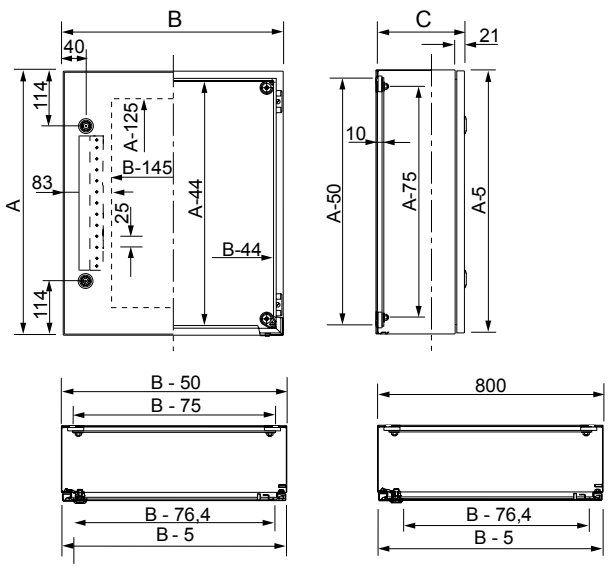


Fig. 2



External dimensions mm (in.)			**Fig.**
A	**B**	**C**	
300 (11.81)	200 (7.87)	150 (5.91)	1
300 (11.81)	250 (9.84)	150 (5.91)	1
300 (11.81)	300 (11.81)	150 (5.91)	1
400 (15.75)	300 (11.81)	150 (5.91)	1
400 (15.75)	300 (11.81)	200 (7.87)	1
400 (15.75)	400 (15.75)	200 (7.87)	1
400 (15.75)	600 (23.62)	200 (7.87)	1
500 (19.69)	400 (15.75)	200 (7.87)	2 (without door reinforcement)
600 (23.62)	400 (15.75)	200 (7.87)	2
600 (23.62)	600 (23.62)	250 (9.84)	2
700 (27.56)	500 (19.69)	250 (9.84)	2
800 (31.50)	600 (23.62)	250 (9.84)	2
800 (31.50)	800 (31.50)	300 (11.81)	2

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Fig. 3

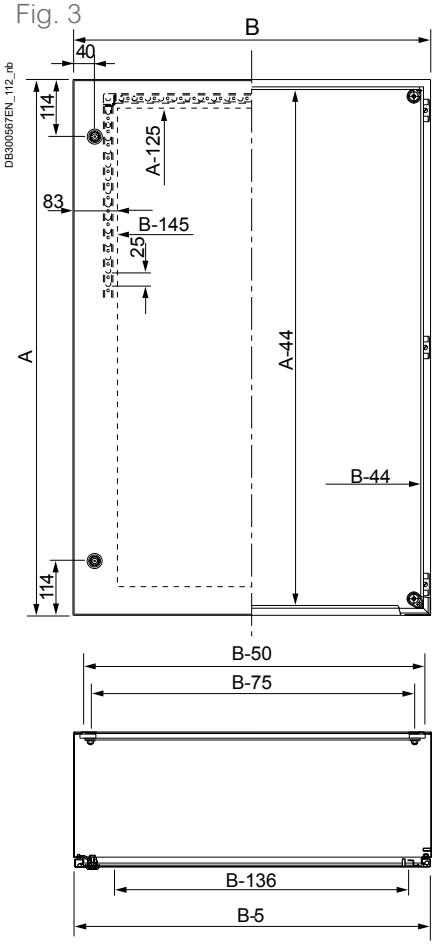
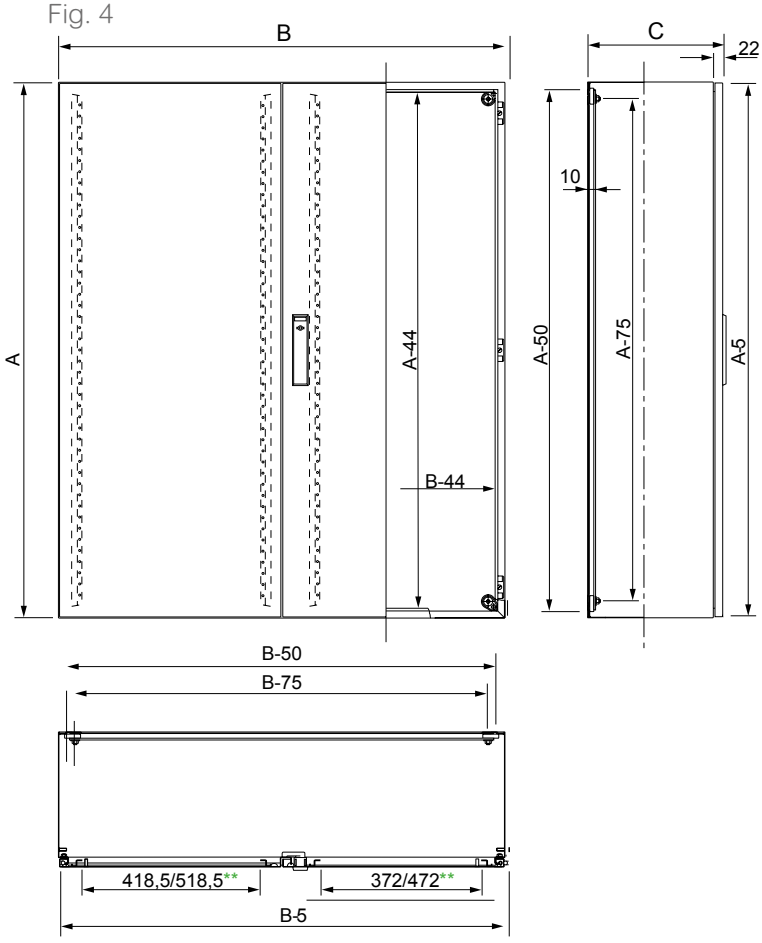


Fig. 4



** For glazed door.

External dimensions mm (in.)			Fig.
A	B	C	
1000 (39.37)	800 (31.50)	300 (11.81)	3
1000 (39.37)	1000 (39.37)	300 (11.81)	4
1200 (47.24)	800 (31.50)	300 (11.81)	3
1200 (47.24)	1000 (39.37)	300 (11.81)	4

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Panel**SeT** Stainless-Steel Enclosures

Stainless-Steel Floor-Standing Enclosures

Panel**SeT** SMX: Monobloc Enclosures

PB500138



Panel**SeT** SFX: Modular Enclosures

PB502731_22_nb



Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Panel**SeT** SMX: Monobloc Enclosures

Introduction	**108**
Characteristics	**110**
Selection Table	**111**
Accessories	**112**
Dimensions	**116**

Panel**SeT** SFX: Modular Enclosures

Introduction	**108**
Characteristics	**110**
Selection Table	**111**
Accessories	**114**
Dimensions	**117**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Panel**SeT** SMX and SFX

Introduction

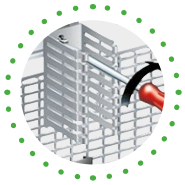


These enclosures have been specially designed for the chemical, oil and food and beverage industries, among others, which are particularly demanding in terms of hygiene and resistance to corrosion.

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.



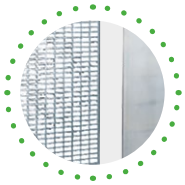
Material Type and Custom Finish Choices
- AISI 304L as standard in PanelSeT SMX and SFX
- AISI 316L as standard in PanelSeT SMX and on request in PanelSeT SFX
- Finish: Scotch-Brite® brushed (standard), micro-beaded (on request), painted (on request)



Time Savings and Easy Assembly
- Complete range of accessories for installation, cable management, etc
- 304L or 316L stainless-steel plinth: easy cable entry (PanelSeT SFX and SMX)
- Reversible door opening to 120°
- Adjustment rails perforated with a pitch of 25 (0.98) mm (in.)
- Perforated reinforcement frame allowing accessories to be mounted on the door



Enhanced Sealing
- Protection against dust and water, NEMA Type 1/2/3/3R/4/4X/12/13 according model
- 3-point locking system
- Canopy (optional): helps protect the door sealing, helps guarantee correct water drainage, no stagnation on the top
- Single-piece cable gland plate with polyurethane gasket



Compatible with the Other Ranges
- Compatible with mounting plates and certain accessories of PanelSeT SFN and SM, providing seamless interchangeability and enhanced versatility



Hygienic Properties
- The high quality of the standard finish enables easy maintenance while limiting contamination
- The hygienic feet made from 316L stainless-steel, adjustable between 140 (5.51) mm (in.) and 200 (7.87) mm (in.) in height, make it easier to clean under the enclosures



High Robustness and Durability
- High resistance to external mechanical impacts: IK10
- 3 hinges made entirely from stainless-steel
- Door reinforcement frame



Resistance to Corrosion
- Highly resistant to corrosion. 304L and 316L stainless-steels provide a good solution for applications in demanding environments

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Stainless-Steel Floor Standing Enclosures

Panel**SeT** SMX and SFX

Characteristics

Characteristics	PanelSeT SMX	PanelSeT SFX
	 PB500138	 PB502731_22_nb
	• Stainless-steel floor-standing enclosure, folded and welded • Single and double front door, with reinforcement frame	• Enclosure made up of a structure, consisting of top and bottom, rear panel and vertical profiles • Single and double front door, with reinforcement frame
Material	304L stainless-steel, 316L stainless-steel	304L stainless-steel, 316L version (on request)
Finish	Scotch-Brite® brushed finish Micro-beaded and painted finishes (on request)	
Thickness	15 (0.59)/10[e] mm (in.)	Consult us
Ingress protection rating	Types 1/2/3/3R/4/4X/12/13 NEMA ratings for single door Types 1/12/13 NEMA ratings for double door	Types 1/2/3/3R/4/4X/13 NEMA ratings for single door Type 1 NEMA rating for double door
Mechanical protection rating	IK10 according to IEC 62262	
Standards and certifications	UL (cULus) - See technical guides page 480	
Installation	Single door only suitable for outdoor installation, but consideration of environmental aggressiveness is advised. Compliant with IEC 62208 regarding type tests specified in §9.12 (resistance to ultra-violet (UV) radiation) and §9.13 (resistance to corrosion). **Comment:** SMX and SFX units do not require a canopy for outdoor use.	
Door	Plain front door. Opening to left or right to 120° with reinforcement frame installed: • 3 stainless-steel hinges • 3-point locking system with handle made from painted zamak, 5 (0.20) mm (in.) double-bar • Maximum load capacity: 50 (110.23) kg (lbs.)	
Supply	• Welded compact body • Single-piece cable gland plate with sealing gasket • Welded mounting plate support brackets	• Welded rear panel • 4 mounting plate-supporting brackets • Single-piece cable gland plate with sealing gasket

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Stainless-Steel Floor Standing Enclosures
Panel**SeT** SMX and SFX
Selection Table

Comment:
For dimensions see page 116

				SMX		SFX
				 PB500138	 NSYSMX18840H	 PB502751_22_nb
External dimensions mm (in.)						
Height	**Width**	**Depth**	**Number of front doors**	**304 L**	**316L**	**Stainless-steel suitable enclosure**
1400 (55.12)	1000 (39.37)	300 (11.81)	2	**NSYSMX141030**	-	-
1600 (62.99)	800 (31.50)	400 (15.75)	1	**NSYSMX16840**	-	-
1800 (70.87)	600 (23.62)	400 (15.75)	1	**NSYSMX18640**	-	**NSYSFX18640**
1800 (70.87)	800 (31.50)	400 (15.75)	1	**NSYSMX18840**	**NSYSMX18840H**	**NSYSFX18840**
1800 (70.87)	1200 (47.24)	400 (15.75)	2	**NSYSMX181240**	-	**NSYSFX181240**
1800 (70.87)	1600 (62.99)	400 (15.75)	2	**NSYSMX181640**	**NSYSMX181640H**	-
2000 (78.74)	600 (23.62)	500 (19.69)	1	-	-	**NSYSFX20650**
2000 (78.74)	800 (31.50)	400 (15.75)	1	-	-	**NSYSFX20840**
2000 (78.74)	800 (31.50)	500 (19.69)	1	**NSYSMX20850**	-	-
2000 (78.74)	800 (31.50)	600 (23.62)	1	-	-	**NSYSFX20860**
2000 (78.74)	1000 (39.37)	400 (15.75)	2	**NSYSMX201040**	**NSYSMX201040H**	-
2000 (78.74)	1000 (39.37)	600 (23.62)	2	-	-	**NSYSFX201060**
2000 (78.74)	1200 (47.24)	500 (19.69)	2	**NSYSMX201250**	**NSYSMX201250H**	-
2000 (78.74)	1200 (47.24)	600 (23.62)	2	-	-	**NSYSFX201260**
2000 (78.74)	1600 (62.99)	600 (23.62)	2	**NSYSMX201660**	**NSYSMX201660H**	-

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

PanelSeT SMX: Monobloc Enclosures

Accessories



Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Fixing and Composition Accessories

1



Wall fixing lugs

See details p. 392

2



Plinths

See details p. 403

Mouting Accessories

3



Plain mounting plates

See details p. 350

4



Vertical uprights

See details p. 361

Other Accessories

5



Canopy

See details p. 396

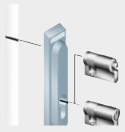
6



Eyebolts

See details p. 394

7



Locking options

See details p. 449

8



Hygienic feet

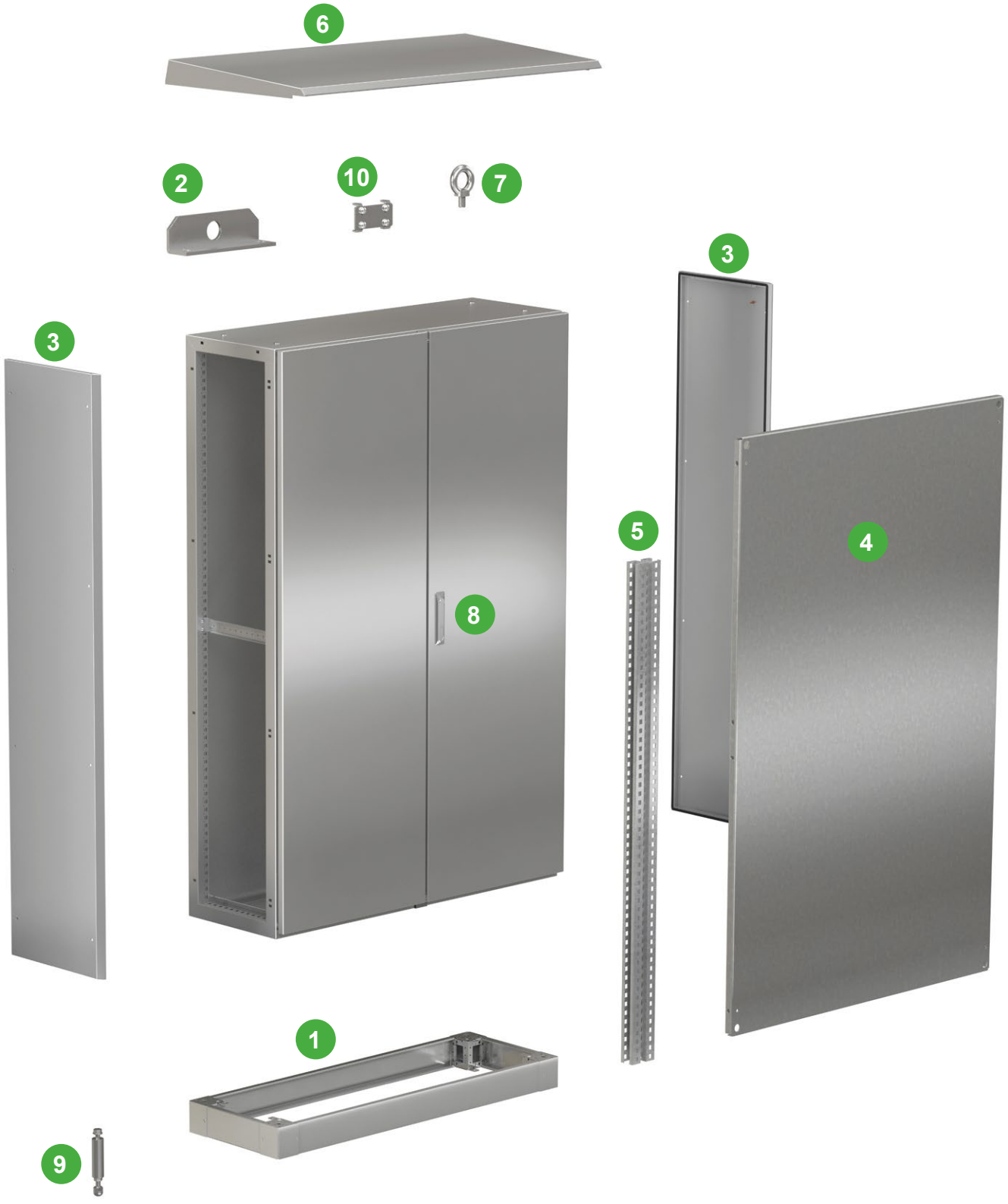
See details p. 409

> For more information consult the Accessories chapter **page 342**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

PanelSeT SFX: Modular Enclosures

Accessories



Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Fixing Accessories

1



Plinths

See details p. 403

2



Lifting brackets

See details p. 394

Mounting Accessories

3



Side panels

See details p. 387

4



Plain mounting plates

See details p. 350

5



Vertical uprights

See details p. 361

Other Accessories

6



Canopy

See details p. 396

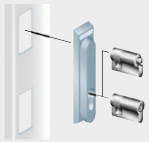
7



Eyebolts

See details p. 394

8



Locking options

See details p. 449

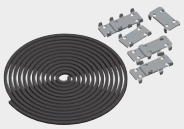
9



Hygienic feet

See details p. 409

10



Coupling kit

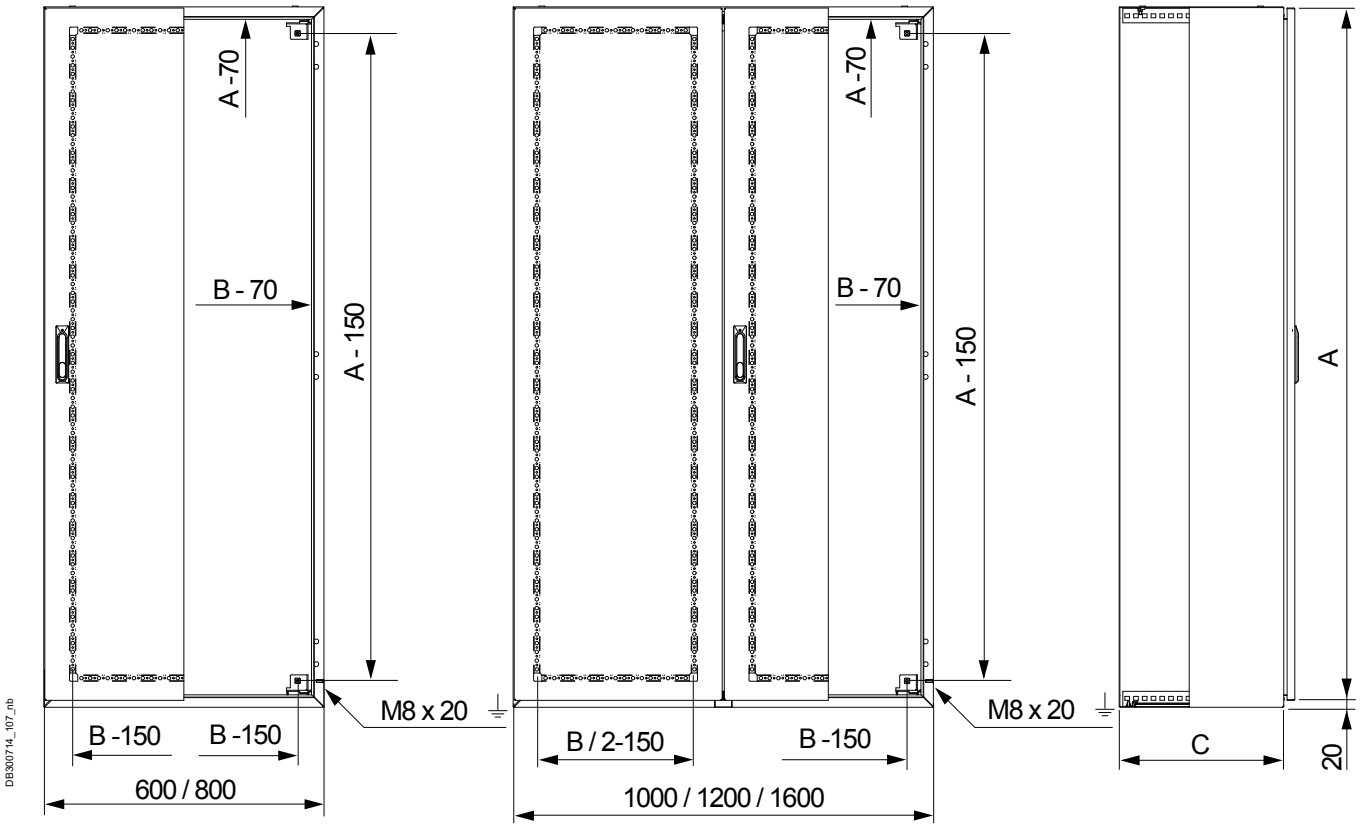
See details p. 390

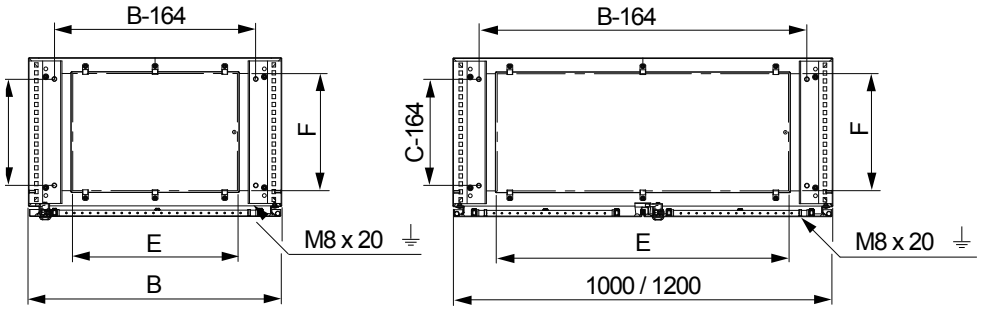
> For more information consult the Accessories chapter **page 342**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

PanelSeT SMX: Monobloc Enclosures

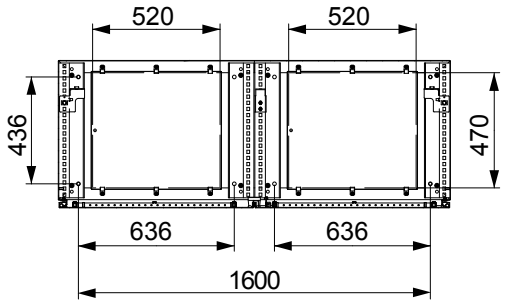
Dimensions





Enclosure width of 1000 (393.70) and 1200 (472.44) mm (in.)

Floor-standing enclosure mm (in.)			Number of front doors	Number of cable gland plates	Dimensions mm (in.)	
Height (A)	Width (B)	Depth (C)			E	F
1400 (55.12)	1000 (39.37)	300 (11.81)	1	1	720 (28.35)	270 (10.63)
1600 (62.99)	800 (31.50)	400 (15.75)	1	1	520 (20.47)	270 (10.63)
1800 (70.87)	600 (23.62)	400 (15.75)	1	1	520 (20.47)	270 (10.63)
1800 (70.87)	800 (31.50)	400 (15.75)	1	1	520 (20.47)	270 (10.63)
1800 (70.87)	1200 (47.24)	400 (15.75)	2	1	920 (36.22)	270 (10.63)
1800 (70.87)	1600 (62.99)	400 (15.75)	2	2	1320 (51.97)	270 (10.63)
2000 (78.74)	800 (31.50)	500 (19.69)	1	1	520 (20.47)	370 (14.57)
2000 (78.74)	1000 (39.37)	400 (15.75)	2	1	720 (28.35)	270 (10.63)
2000 (78.74)	1200 (47.24)	500 (19.69)	2	1	920 (36.22)	370 (14.57)
2000 (78.74)	1600 (62.99)	600 (23.62)	2	2	1320 (51.97)	470 (18.50)

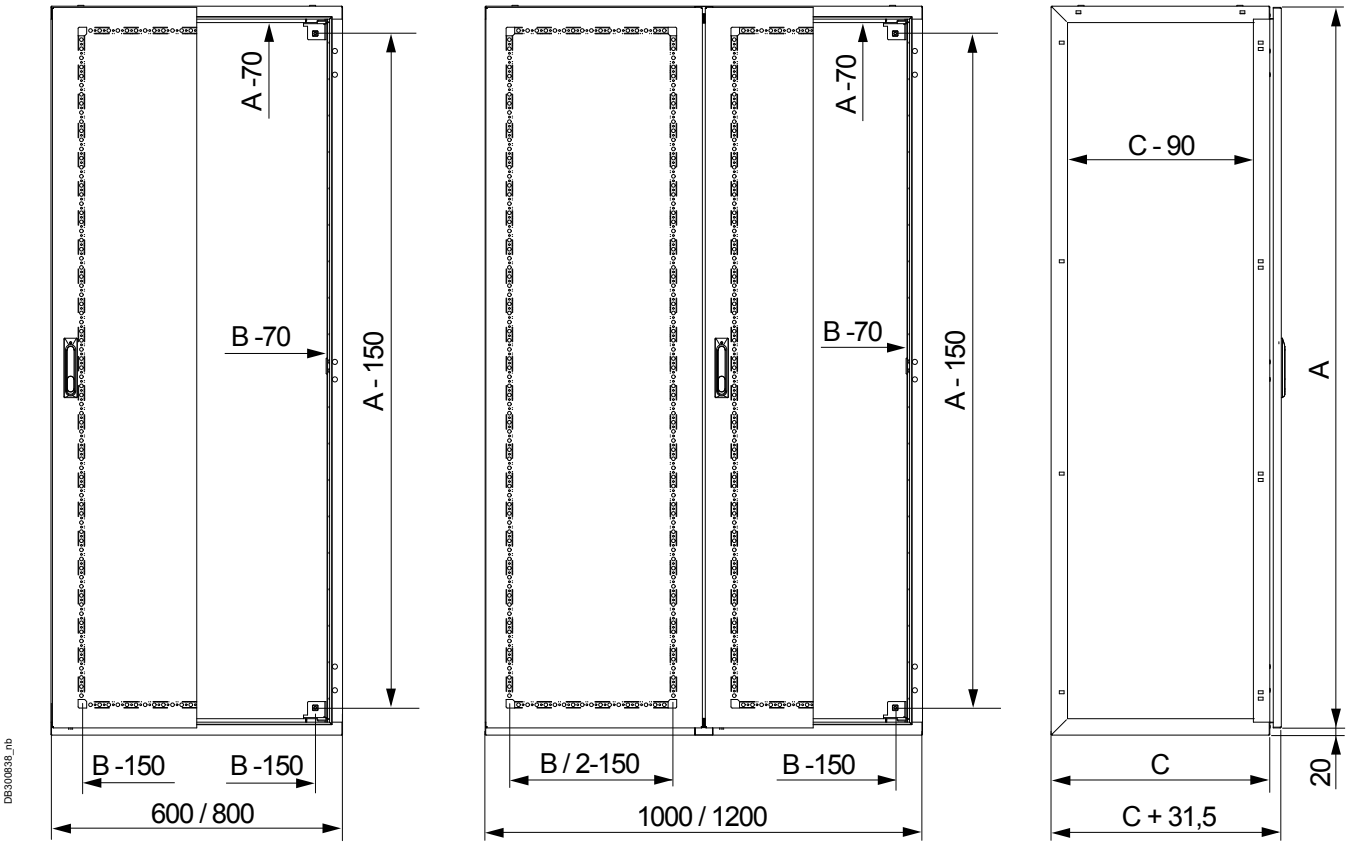


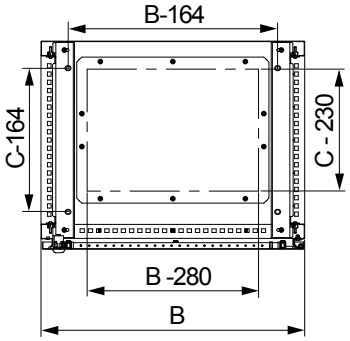
Enclosure width of 1600 (62.99) mm (in.)

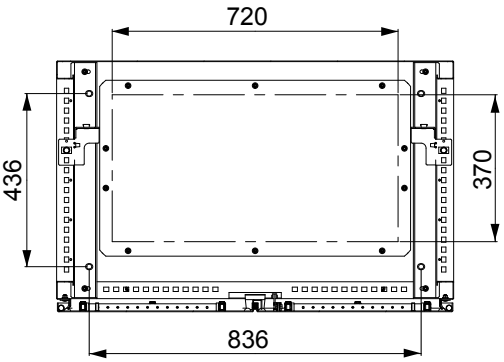
Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

PanelSeT SFX: Modular Enclosures

Dimensions

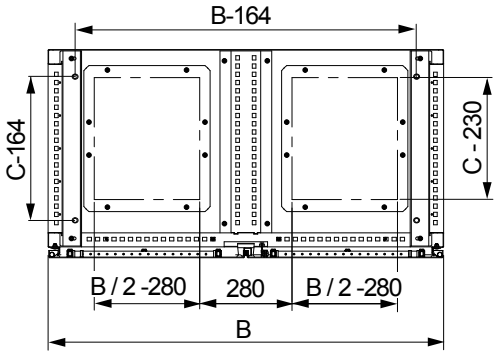






Enclosure width 1000 (39.37) mm (in.)

External dimensions mm (in.)			Number of front doors	Number of cable gland plates
Height (A)	Width (B)	Depth (C)		
1800 (70.87)	600 (23.62)	400 (15.75)	1	1
1800 (70.87)	800 (31.50)	400 (15.75)	1	1
1800 (70.87)	1200 (47.24)	400 (15.75)	2	2
2000 (78.74)	600 (23.62)	500 (19.69)	1	1
2000 (78.74)	800 (31.50)	400 (15.75)	1	1
2000 (78.74)	800 (31.50)	600 (23.62)	1	1
2000 (78.74)	1000 (39.37)	600 (23.62)	2	1
2000 (78.74)	1200 (47.24)	600 (23.62)	2	2



Enclosure width 1200 (47.24) mm (in.)

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Panel**SeT** Insulated Enclosures

Insulated Boxes





Insulated Wall-Mounted Enclosures




Insulated Floor-Standing Enclosures






Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Content

Insulated Boxes	**120**
Insulated Wall-Mounted Enclosures	**142**
Insulated Floor-Standing Enclosures	**154**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Panel**SeT** Insulated Enclosures

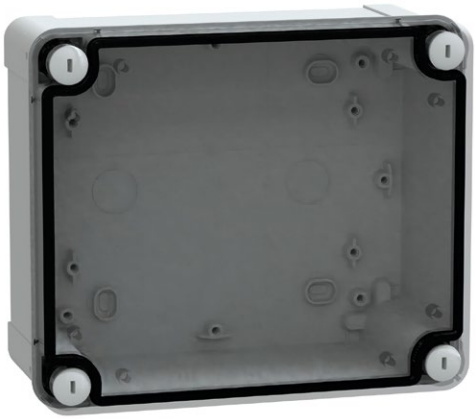
Insulated Boxes

Panel**SeT** TBS-TBP: Industrial Boxes

NSYTBS19168



NSYTBS19168T



Panel**SeT** PLS: Modular Boxes

PB502791_61_nb



Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Panel**SeT** TBS-TBP: Industrial Boxes

Introduction	**122**
Characteristics	**124**
Selection Table	**125**
Accessories	**126**
Dimensions	**128**

Panel**SeT** PLS: Modular Boxes

Introduction	**132**
Characteristics	**134**
Selection Table	**136**
Accessories	**138**
Dimensions	**140**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Panel**SeT** TBS-TBP: Industrial Boxes

Introduction



The PanelSeT TBS and TBP boxes offer superior protection against dust and water, enhanced electrical insulation, as well as high resistance to impacts, UV rays, and extreme temperatures. Additionally, these boxes are well-known for their ease of installation.

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Only for TBS



New

Recycled Material

- Usage of a 45% post-industrial recycled ABS plastic

Only for TBP



Local Standard

- C-UL-US certified

TBS-TBP



Easy to Install

- 3 methods of fixing the box to its support



Easy to Use

- Only one tool is required: A flat-bladed screwdriver



Smart

- Fixing studs on the cover

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Panel**SeT** TBS-TBP: Industrial Boxes

Characteristics

Characteristics	Universal boxes rated IP66
Class II	 NSYTBS19168  NSYTBS19168T
	Boxes can be coupled (exactly the same dimensions) with kit ref. **13934**. Locks from box size of 116 (4.57) x 116 (4.57) x 62 (2.44) mm (in.): • Cover locking by 4 plastic captive screws with coarse thread outside the sealed area, • Plumbable lock. Locks from box size of 138 (5.43) x 93 (3.66) x 72 (2.84) mm (in.): • The standard screws (flat-bladed screwdriver) can be replaced with other standardised screws. The 4 reinforced edges of the cover improve its robustness and support during customization operations. Adaptable hinges on all the 20 (0.79) and 40 (1.58) mm (in.) covers.
Material	ABS boxes: • Transparent cover made of polycarbonate • Glow wire resistance: 650 °C according to IEC 60695-2-11 • Operating temperature: -25 °C...+60 °C • Installation temperature: -15 °C...+40 °C Polycarbonate boxes: • Glow wire resistance: 960 °C • Operating temperature: -25 °C...+80 °C • Installation temperature: -15 °C...+60 °C
Color	• Body: RAL 7035 gray • Cover: RAL 7035 gray or transparent
Ingress protection rating	**TBS:** IP66 according to IEC 60529 **TBP:** 1/3/3S/4/4X NEMA ratings
Mechanical protection rating	ABS: IK07 according to IEC 62262 Polycarbonate: IK08 according to IEC 62262
Standards	IEC 62208
Certifications	• IEC 62208 certified by TÜV • UL (cULus) : Polycarbonate Range • Product Environmental Profile • Class II according to IEC 61140 • Polycarbonate range: • Rating according UL50E : Types 4, 4X • Self-extinguishing
Installation	Fixing the box: • Outside the sealed sensitive volume by the 4 chimneys in the corners from box size of 138 (5.43) x 93 (3.66) x 72 (2.84) mm (in.) • Through the rear of the box by 2 or 4 elongated holes to be perforated • With fixing lugs from box size of 116 (4.57) x 116 (4.57) x 62 (2.44) mm (in.) (ref. **NSYAEFTB**) **Outdoor installation, only for polycarbonate range:** Compliant with IEC 62208 regarding type tests specified in §9.12 (resistance UV radiation) and §9.13 (resistance to corrosion). Equipment installation: • Studs for fixing the equipment in the body and the cover of the box by means of a Ø 4 (0.16) mm (in.) self-tapping screw (ref. **NSYAMFSTB**, screw Ø 4 x 10 (0.39) mm (in.) with Pozidriv and slotted head) • Option of installing rails, plates or other types of supports (card, etc.) • Spacers and stand-offs to be installed on the studs for adjusting the height of the equipment

NOTICE

ENCLOSURE PROTECTION

For outdoor use, in case the boxes are not installed under a shelter to protect them against bad weather conditions, a canopy must be installed on the top of the boxes. This will help avoid water stagnation between body and lid.

To prevent condensation, install plastic airing louvres accessories. To prevent internal pressure, install a sealed pressure balance valve.

Failure to follow these instructions can result in equipment damage.

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

PanelSeT TBS-TBP: Industrial Boxes

Selection Table

											TBS ABS boxes IP66 IK07		TBP boxes polycarbonate UL IP66 IK08	
														
Overall external dimensions mm (in.)			Overall internal dimensions mm (in.)											
Height	Width	Depth	Height	Width	Depth	Body mm (in.)	Cover mm (in.)	Minor pack.	Cover screw	Opaque cover	Transparent cover	Opaque cover	Transparent cover
74 (2.91)	74 (2.91)	54 (2.13)	65 (2.56)	65 (2.56)	47 (1.85)	37 (1.46)	10 (0.39)	5	Metal	**NSYTBS775**	-	**NSYTBP775**	-
89 (3.50)	89 (3.50)	54 (2.13)	80 (3.15)	80 (3.15)	47 (1.85)	37 (1.46)	10 (0.39)	5	Metal	**NSYTBS885**	-	**NSYTBP885**	-
116 (4.57)	74 (2.91)	62 (2.44)	105 (4.13)	65 (2.56)	55 (2.16)	45 (1.77)	10 (0.39)	5	Metal	**NSYTBS1176**	-	**NSYTBP1176**	-
116 (4.57)	74 (2.91)	94 (3.70)	105 (4.13)	65 (2.56)	85 (3.35)	45 (1.77)	40 (1.58)	3	Metal	**NSYTBS1179H**	-	-	-
116 (4.57)	116 (4.57)	62 (2.44)	105 (4.13)	105 (4.13)	55 (2.16)	45 (1.77)	10 (0.39)	5	Plastic	**NSYTBS11116**	-	**NSYTBP11116**	-
116 (4.57)	116 (4.57)	133 (5.24)	105 (4.13)	105 (4.13)	125 (4.92)	45 (1.77)	80 (3.15)	2	Plastic	**NSYTBS111113H**	-	-	-
138 (5.43)	93 (3.66)	72 (2.84)	125 (4.92)	80 (3.15)	65 (2.56)	45 (1.77)	20 (0.79)	2	Plastic	**NSYTBS1397**	**NSYTBS1397T**	**NSYTBP1397**	**NSYTBP1397T**
164 (6.46)	121 (4.76)	87 (3.42)	150 (5.91)	105 (4.13)	80 (3.15)	60 (2.36)	20 (0.79)	2	Plastic	**NSYTBS16128**	**NSYTBS16128T**	**NSYTBP16128**	**NSYTBP16128T**
192 (7.56)	121 (4.76)	87 (3.42)	175 (6.89)	105 (4.13)	80 (3.15)	60 (2.36)	20 (0.79)	2	Plastic	**NSYTBS19128**	**NSYTBS19128T**	**NSYTBP19128**	**NSYTBP19128T**
192 (7.56)	121 (4.76)	105 (4.13)	175 (6.89)	105 (4.13)	100 (3.94)	60 (2.36)	40 (1.58)	2	Plastic	**NSYTBS191210H**	**NSYTBS191210HT**	**NSYTBP191210H**	**NSYTBP191210HT**
192 (7.56)	164 (6.46)	87 (3.42)	175 (6.89)	150 (5.91)	80 (3.15)	60 (2.36)	20 (0.79)	1	Plastic	**NSYTBS19168**	**NSYTBS19168T**	**NSYTBP19168**	**NSYTBP19168T**
192 (7.56)	164 (6.46)	105 (4.13)	175 (6.89)	150 (5.91)	100 (3.94)	60 (2.36)	40 (1.58)	1	Plastic	**NSYTBS191610H**	**NSYTBS191610HT**	**NSYTBP191610H**	**NSYTBP191610HT**
241 (9.49)	194 (7.64)	87 (3.42)	225 (8.86)	175 (6.89)	80 (3.15)	60 (2.36)	20 (0.79)	1	Plastic	**NSYTBS24198**	**NSYTBS24198T**	**NSYTBP24198**	**NSYTBP24198T**
241 (9.49)	194 (7.64)	107 (4.21)	225 (8.86)	175 (6.89)	100 (3.94)	80 (3.15)	20 (0.79)	1	Plastic	**NSYTBS241910**	**NSYTBS241910T**	**NSYTBP241910**	**NSYTBP241910T**
241 (9.49)	194 (7.64)	107 (4.21)	225 (8.86)	175 (6.89)	100 (3.94)	60 (2.36)	40 (1.58)	1	Plastic	**NSYTBS241910H**	**NSYTBS241910HT**	**NSYTBP241910H**	**NSYTBP241910HT**
241 (9.49)	194 (7.64)	127 (5.00)	225 (8.86)	175 (6.89)	120 (4.72)	80 (3.15)	40 (1.58)	1	Plastic	**NSYTBS241912H**	**NSYTBS241912HT**	**NSYTBP241912H**	**NSYTBP241912HT**
291 (11.46)	241 (9.49)	88 (3.46)	275 (10.83)	225 (8.86)	80 (3.15)	60 (2.36)	20 (0.79)	1	Plastic	**NSYTBS29248**	**NSYTBS29248T**	**NSYTBP29248**	**NSYTBP29248T**
291 (11.46)	241 (9.49)	128 (5.04)	275 (10.83)	225 (8.86)	120 (4.72)	100 (3.94)	20 (0.79)	1	Plastic	**NSYTBS292412**	**NSYTBS292412T**	**NSYTBP292412**	**NSYTBP292412T**
291 (11.46)	241 (9.49)	128 (5.04)	275 (10.83)	225 (8.86)	120 (4.72)	60 (2.36)	60 (2.36)	1	Plastic	**NSYTBS292412H**	**NSYTBS292412HT**	**NSYTBP292412H**	**NSYTBP292412HT**
291 (11.46)	241 (9.49)	168 (6.61)	275 (10.83)	225 (8.86)	160 (6.30)	100 (3.94)	60 (2.36)	1	Plastic	**NSYTBS292416H**	**NSYTBS292416HT**	**NSYTBP292416H**	**NSYTBP292416HT**
341 (13.42)	291 (11.46)	128 (5.04)	325 (12.80)	275 (10.83)	120 (4.72)	100 (3.94)	20 (0.79)	1	Plastic	**NSYTBS342912**	**NSYTBS342912T**	**NSYTBP342912**	**NSYTBP342912T**
341 (13.42)	291 (11.46)	168 (6.61)	325 (12.80)	275 (10.83)	160 (6.30)	100 (3.94)	60 (2.36)	1	Plastic	**NSYTBS342916H**	**NSYTBS342916HT**	**NSYTBP342916H**	**NSYTBP342916HT**

Mounting Plates for Adjustment to Mounting Surface

Installation:

- Fixing by means of Ø 4 (0.16) mm (in.) self-tapping screws, Pozidrive and slotted head, ref. **NSYAMFSTB**

Supply:
Plates supplied without screws

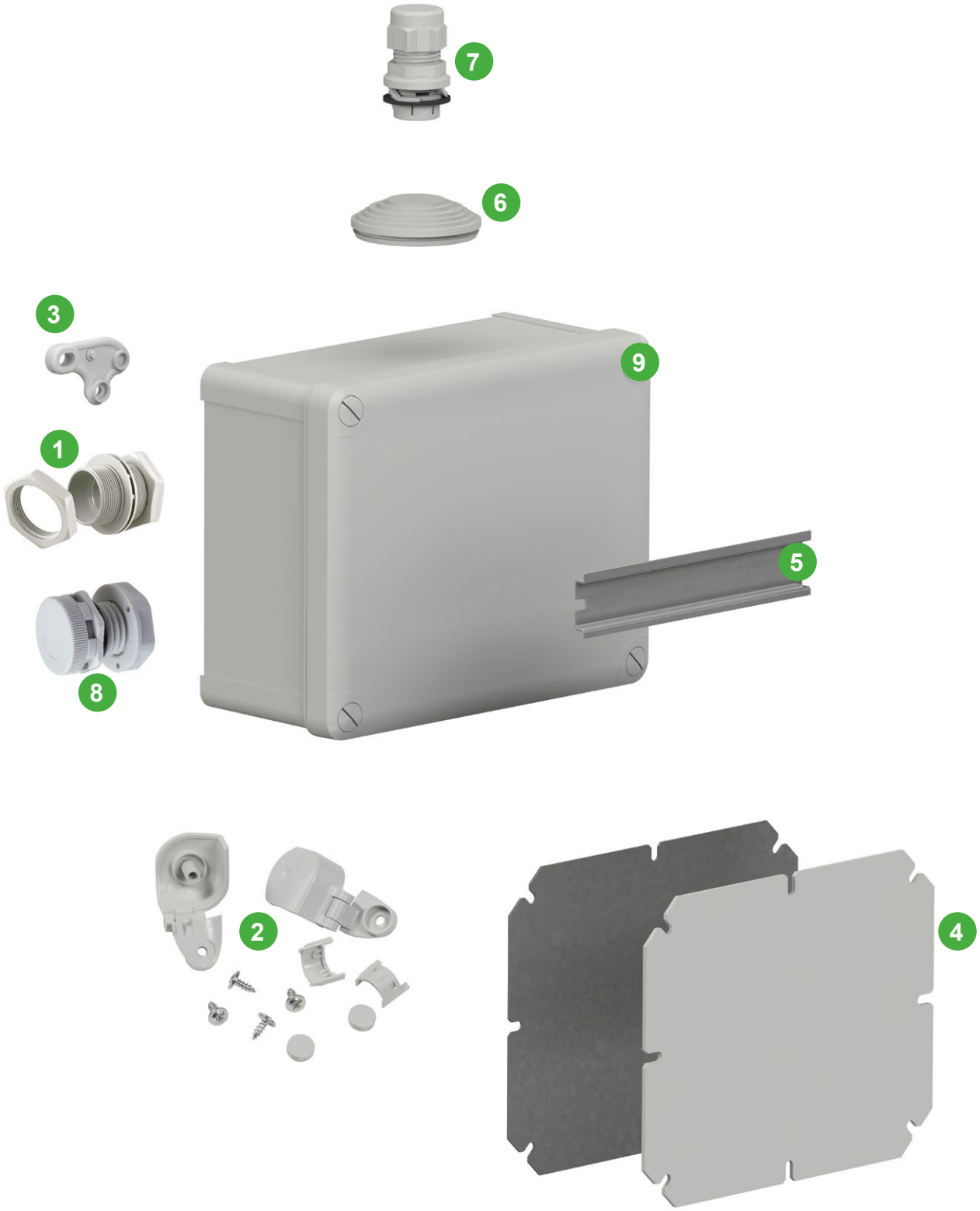
	Mounting plates	
		
	Material: Galvanized steel	**Material:** Insulated polyester plate reinforced with fiberglass, halogen-free: Glow wire resistance 750 °C according to IEC 60695-2-11.

Box		Mounting plate dimensions				
Height mm (in.)	Width mm (in.)	A mm (in.)	B mm (in.)	Minor pack.	Thickness: 15 (0.59)/10[e] mm (in.)	Thickness: 25 (0.98)/10[e] mm (in.)
192 (7.56)	164 (6.46)	168.5 (6.63)	140 (5.51)	1	**NSYAMPM1916TB**	**NSYAMPA1916TB**
241 (9.49)	194 (7.64)	215 (8.46)	168.5 (6.63)	1	**NSYAMPM2419TB**	**NSYAMPA2419TB**
291 (11.46)	241 (9.49)	265 (10.43)	215 (8.46)	1	**NSYAMPM2924TB**	**NSYAMPA2924TB**
341 (13.42)	291 (11.46)	315 (12.40)	265 (10.43)	1	**NSYAMPM3429TB**	**NSYAMPA3429TB**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Panel**SeT** TBS-TBP: Industrial Boxes

Accessories



Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Fixing and Coupling Accessories

1



Coupling kit

See details p. 390

2



Hinges

See details p. 450

3



Set of fixing lugs

See details p. 392

Mounting Accessories

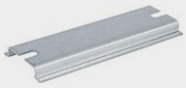
4



Mounting plates: plain and insulated

See details p. 344

5



Symmetric DIN rails and screws for rails

See details p. 359

Other Accessories

6



Cable entries: membranes, cone shaped, quick cable entries

See details p. 427

7



Cable glands

See details p. 429

8



Sealed pressure balance valves

See details p. 462

9



Cover accessories

See details p. 461

> For more information consult the Accessories chapter **page 342**

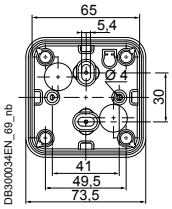
Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Panel**SeT** TBS-TBP: Industrial Boxes

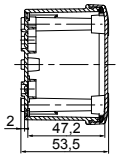
Dimensions

Box of 74 (2.91) x 74 (2.91) x 54 (2.13) mm (in.) (external dimensions) **NSYTB●●●775**

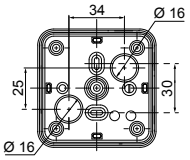
Interior



Side

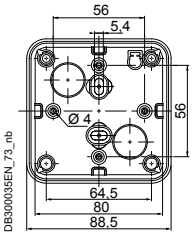


Rear

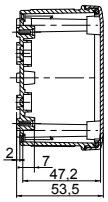


Box of 89 (3.50) x 89 (3.50) x 54 (2.13) mm (in.) (external dimensions) **NSYTB●●●885**

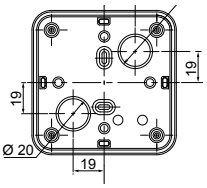
Interior



Side

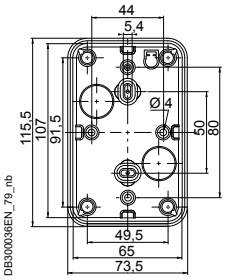


Rear

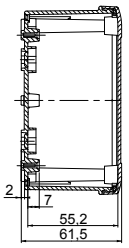


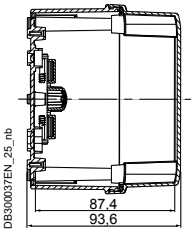
Box of 116 (4.57) x 74 (2.91) x 62 (2.44) or 94 (3.70) mm (in.) (external dimensions) **NSYTB●●●1176** or **NSYTB●●●1179**

Interior

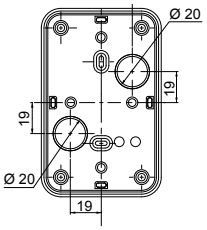


Side



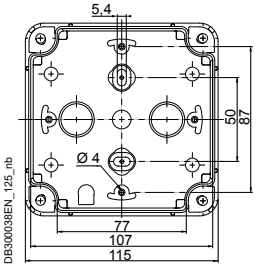


Rear

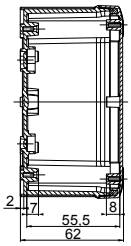


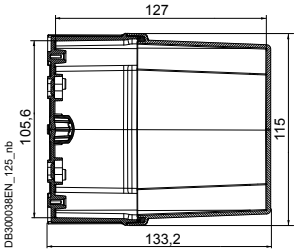
Box of 116 (4.57) x 116 (4.57) x 62 (2.44) or 133 (5.24) mm (in.) (external dimensions) **NSYTB●●●11116** or **NSYTB●●●111113**

Interior

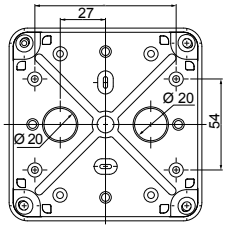


Side

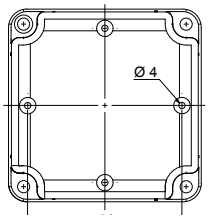




Rear

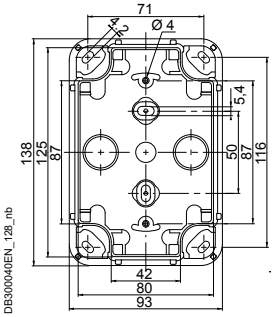


Cover

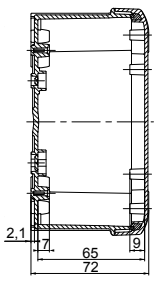


Box of 138 (5.43) x 93 (3.66) x 72 mm (in.) (external dimensions) **NSYTB●●●1397**

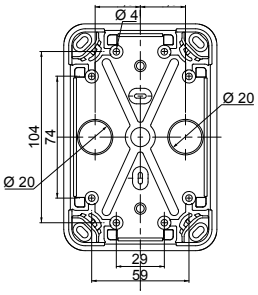
Interior



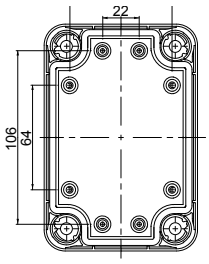
Side



Rear



Cover



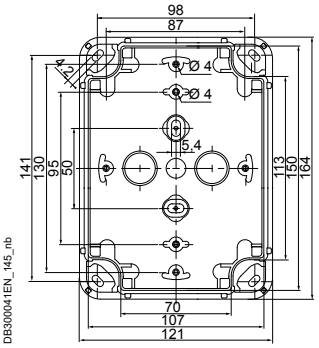
Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

PanelSeT TBS-TBP: Industrial Boxes

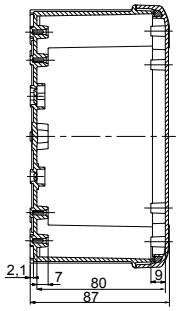
Dimensions

Box of 164 (6.46) x 121 (4.76) x 87 (3.42) mm (in.) (external dimensions) **NSYTB●●●16128**

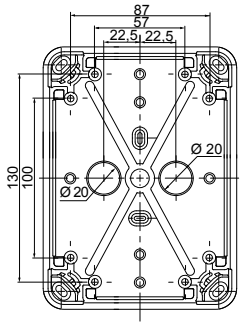
Interior



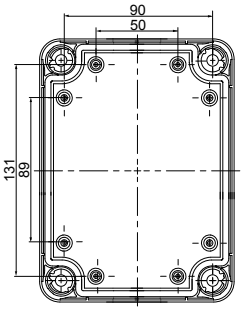
Side



Rear

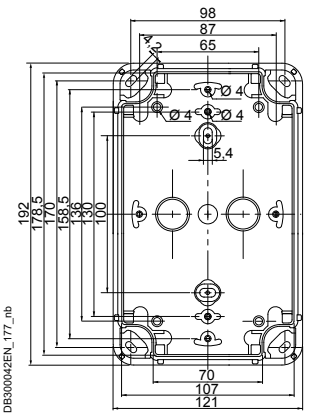


Cover



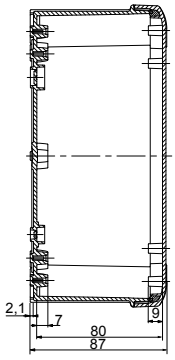
Box of 192 (7.56) x 121 (4.76) x 87 (3.42) or 105 (4.13) mm (in.) (external dimensions) **NSYTB●●●19128** or **NSYTB●●●191210**

Interior



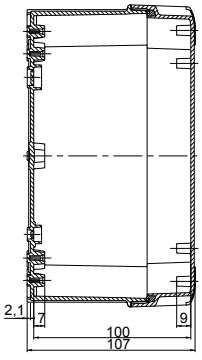
Side

Height 80 (3.15) mm (in.)
(60 (2.36) + 20 (0.79) mm (in.))

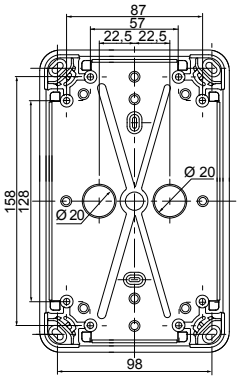


Side

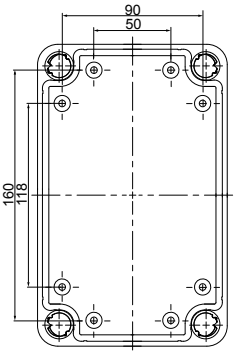
Height 100 (3.94) mm (in.)
(60 (2.36) + 40 (1.58) mm (in.)



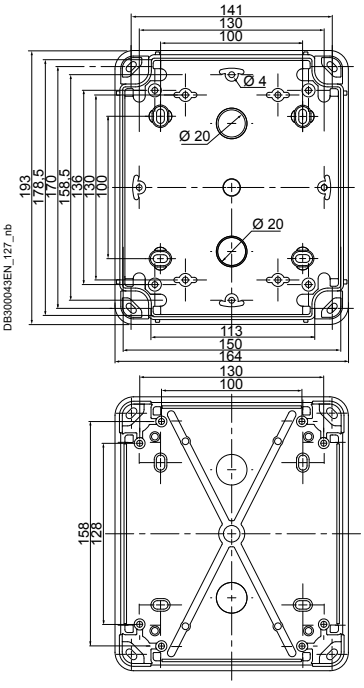
Rear



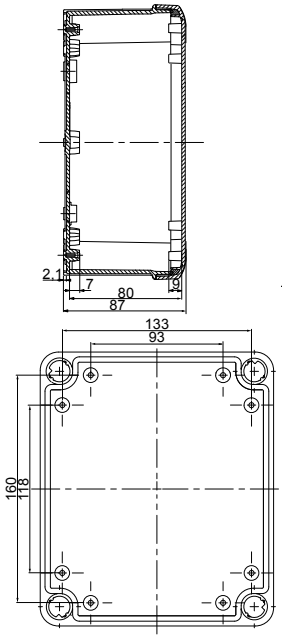
Cover



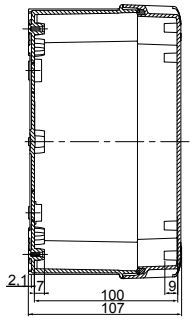
Box of 192 (7.56) x 164 (6.46) x 87 (3.42) or 105 (4.13) mm (in.) (external dimensions) **NSYTB●●●19168** or **NSYTB●●●191610**



Height 80 (3.15) mm (in.)
(60 (2.36) + 20 (0.79) mm (in.))



Height 100 (3.94) mm (in.)
(60 (2.36) + 40 (1.58) mm (in.))

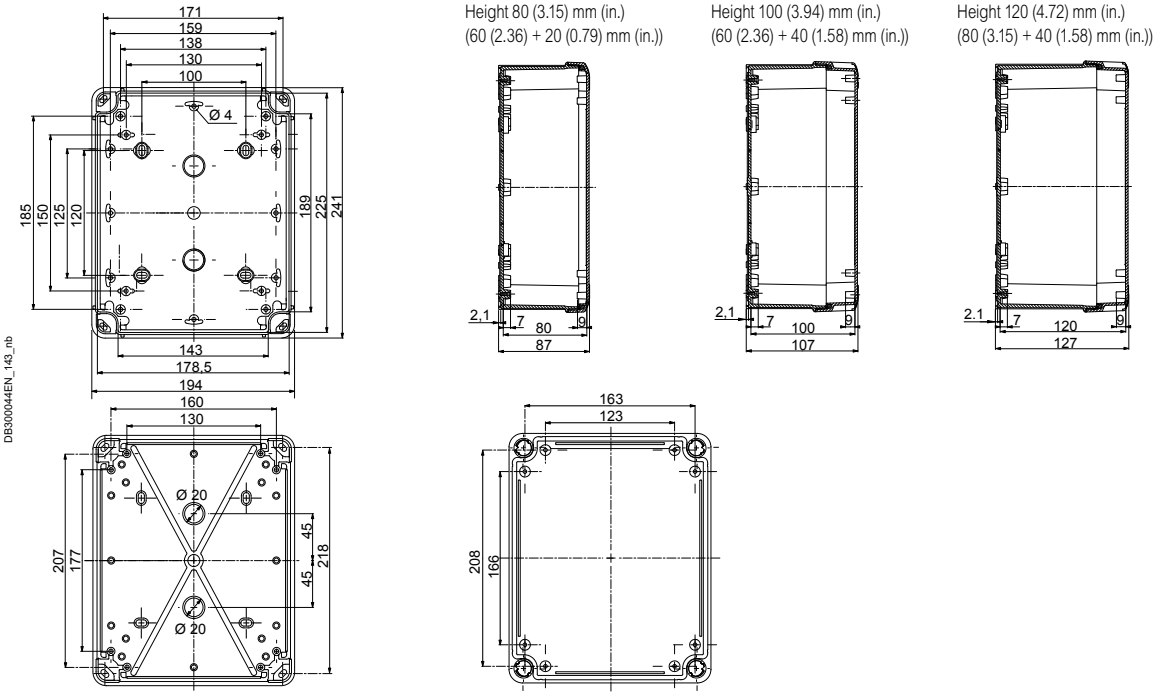


Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

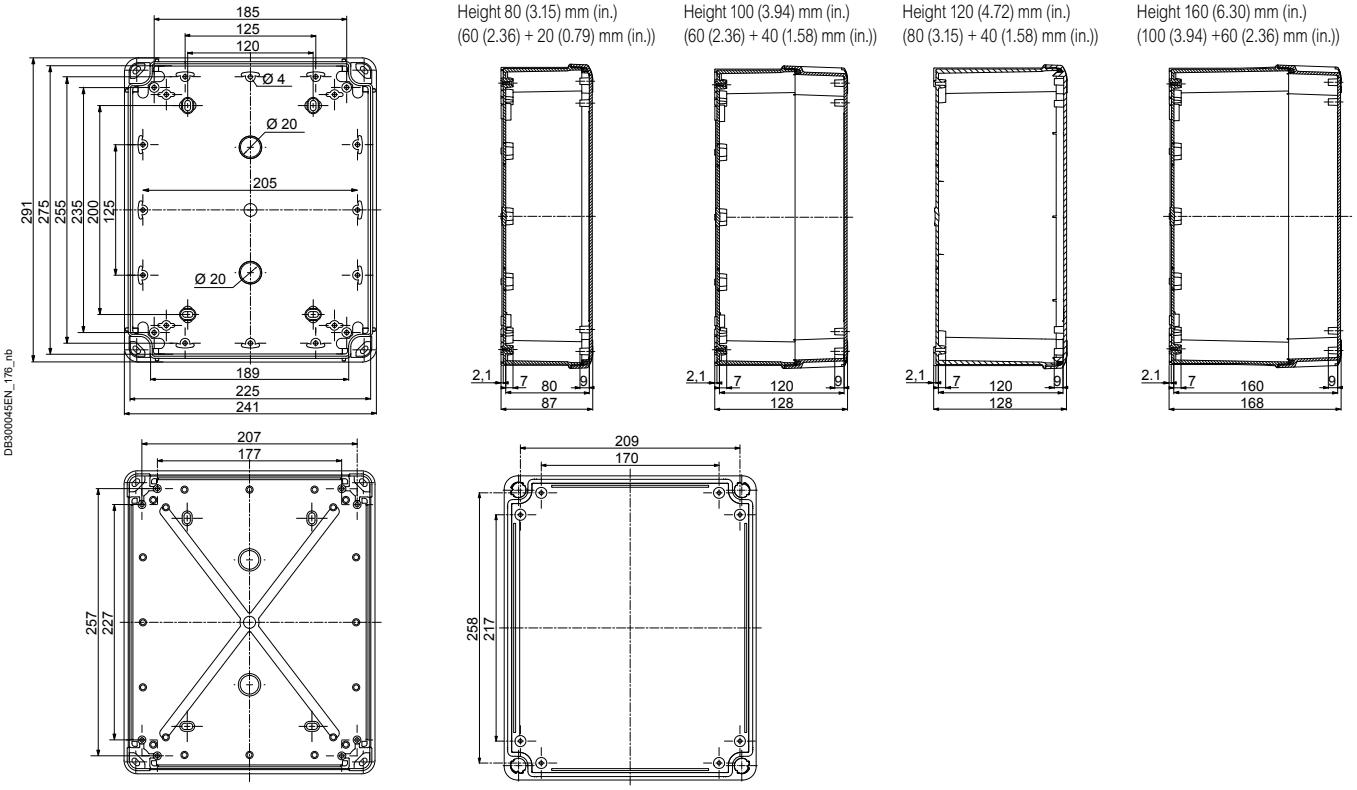
Panel**SeT** TBS-TBP: Industrial Boxes

Dimensions

Box of 241 (9.49) x 194 (7.64) x 87 (3.42), 107 (4.21) or 127 (5.00) mm (in.) (external dimensions)
NSYTB●●●24198, **NSYTB●●●241910** or **NSYTB●●●241912**



Box of 291 (11.46) x 241 (9.49) x 88 (3.46), 128 (5.04) or 168 (6.61) mm (in.) (external dimensions)
NSYTB●●●29248, **NSYTB●●●292412** or **NSYTB●●●292416**

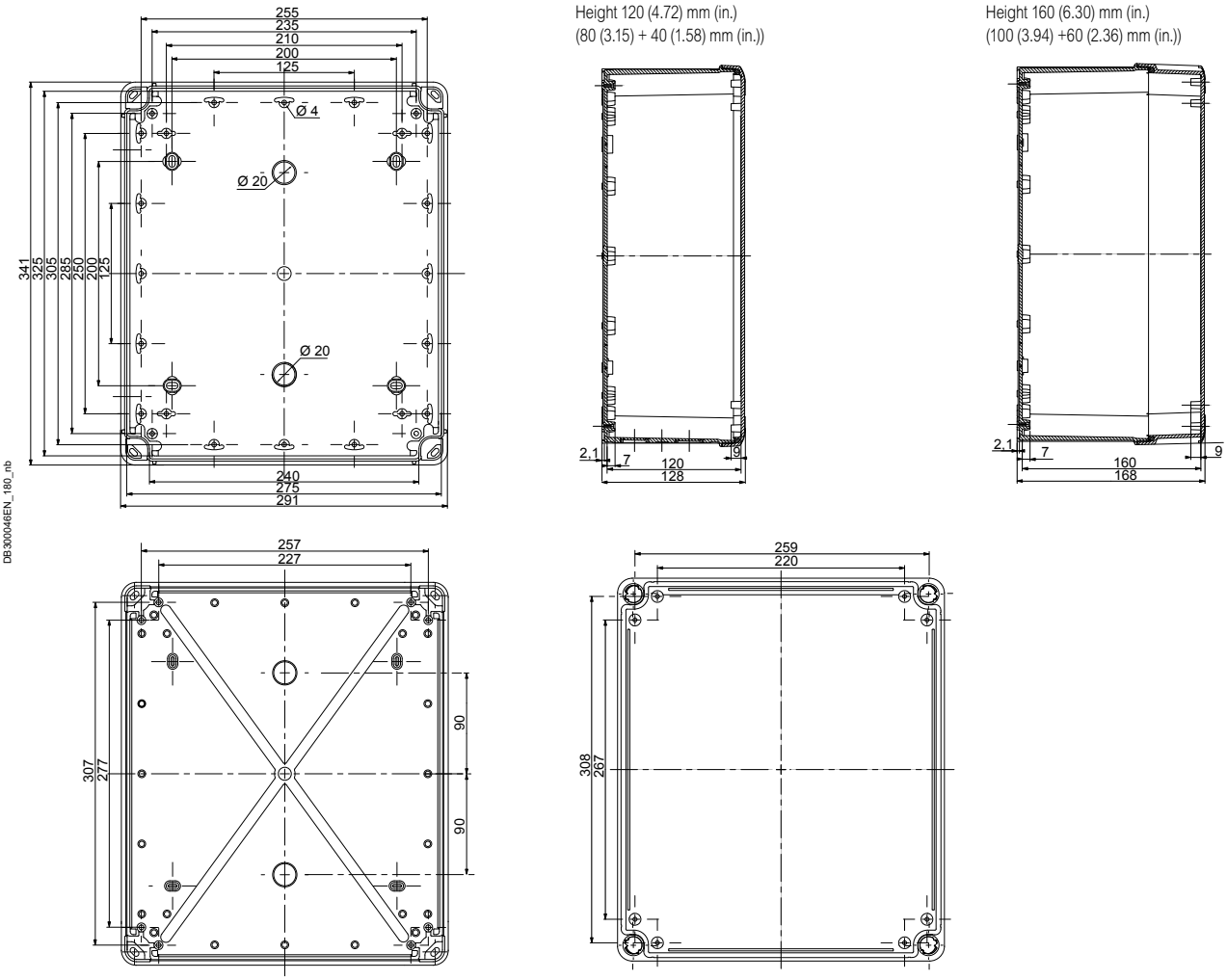


Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Panel**SeT** TBS-TBP: Industrial Boxes

Dimensions

Box of 341 (13.42) x 291 (11.46) x 128 (5.04) or 168 (6.61) mm (in.) (external dimensions)
NSYTB●●●342912 or **NSYTB●●●342916**



Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Panel**SeT** PLS: Modular Boxes

Introduction



The PanelSeT PLS range includes Class II insulated polyester and polycarbonate industrial boxes, which can be interconnected on all sides, allowing for a wide variety of modular assemblies.

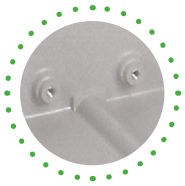
Note:
Prolonged exposure to UV radiation, wind and rain can cause aesthetics changes in the external surface of the enclosure without affecting the technical properties according to IEC 62208. For long-term aesthetics requirements, it is recommended to use painted enclosures available through our customization offer.

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.



Enhanced Protection

- NEMA 1/2/3/3R/3S/4/4X/12/13 enclosure
- Gasket between body and cover
- IK09
- Insulation Class II



Easy Access

Bosses with inserts, at the rear of the body, for fixing plates or various supports



Modular Offer

The dimensions of the sides, multiples of 9 cm (3.54 in.), allow the creation of assemblies

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Insulated Boxes

Panel**SeT** PLS: Modular Boxes

Characteristics

Characteristics	NSYPLS5454AG	NSYPLS1827G	NSYPLSC5472AG	NSYPLSC1827G	NSYPLSP1827G
According to Reach and RoHs & Halogen-free					
Class II	Complete box				
	• Insulated boxes that can be coupled by all their side surfaces, allowing the creation of the greatest variety of modular assemblies. • The product references show the two lateral dimensions in cm. • 14 sizes of insulated boxes; The sides are multiples of 9 cm (3.54) mm (in.). • Body made from polyester reinforced with fiberglass, molded by hot compression, 9 sizes. • 3 types of cover available according to the sizes: Standard cover, made from transparent polycarbonate with neoprene gasket, 45 (1.77) mm (in.) high, or 95 (3.74) mm (in.) high (final index A), Opaque polycarbonate cover (index C), with neoprene gasket, 45 (1.77) mm (in.) high, or 95 (3.74) mm (in.) (in.) high (final index A), Polyester reinforced with fiberglass cover (index P) with PUR gasket, 45 (1.77) mm (in.) high. • Complete box includes body, cover, locking screws and sealing device. • The bodies (prefix F) and the covers (prefix T) are supplied separately as standard references. The separate covers are supplied without locking screws or sealing accessories. • The PLS enclosures with transparent cover are also offered in sets; The reference refers to the complete set. • Excellent resistance to corrosion; withstands most chemical substances. • Full insulation to create Class II assemblies. • Standard lock with slot screws outside the volume of the boxes. Delivered with sealing system. • External wall-mounted by 4 lugs, to be ordered separately. • Service temperature: -40 to +80 °C. • Bosses with M6 inserts for fixing the mounting plate. • Halogen-free and compliant with the RoHS directive.				
Color	RAL 7035 gray (opaque bodies and cover)				
Ingress protection rating	IP66				
Mechanical protection rating	IK09				
Certifications	• Certification according to standard IEC 62208 to ensure compliance with IP, IK, resistance to heat and fire (self-extinguishing), insulation to 5000 V, and load of the mounting plate, 100 (220.46) kg (lbs.)/m^2 • Certified UL (cULus). Rating according UL50E Type 1, 2, 3, 3R, 4, 4X, 12 and 13				
Installation	Outdoor installation: Compliant with IEC 62208 regarding type tests specified in §9.12 (resistance to UV radiation) and §9.13 (resistance to corrosion). It is always advisable to install a canopy to avoid water stagnation on the top of the enclosure and to help protect against UV radiation.				

NSYPLS, **NSYPLSP** and **NSYPLSC** followed by suffixes.

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

PanelSeT PLS: Modular Boxes

Characteristics

Characteristics	NSYDLS12
	
Class II	Modular distribution chassis
	Built-in DLS modular chassis, made up of an insulated protection panel, RAL 7011 color, 35 (1.38) mm (in.) DIN rails and a 2 x 16 + 5 x 6 mm² neutral/earth connection strip.
Ingress protection rating	IP43
Mechanical protection rating	IK09
Installation	Indoor

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Panel**SeT** PLS: Modular Boxes

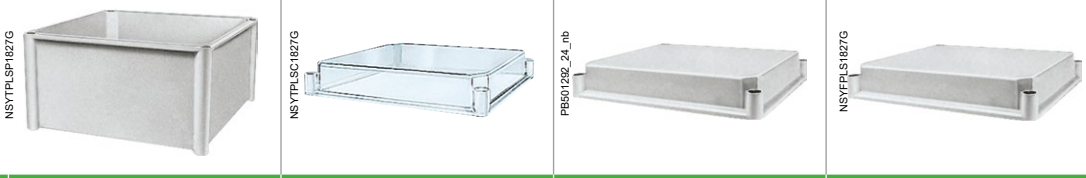
Selection Table

Complete box



Dimensions mm (in.)			Transparent cover	Polycarbonate cover	Polyester cover
Height	Width	Depth			
180 (7.09)	270 (10.63)	180 (7.09)	**NSYPLS1827G**	**NSYPLSC1827G**	**NSYPLSP1827G**
270 (10.63)	270 (10.63)	180 (7.09)	**NSYPLS2727G**	**NSYPLSC2727G**	**NSYPLSP2727G**
270 (10.63)	270 (10.63)	230 (9.06)	**NSYPLS2727AG**	**NSYPLSC2727AG**	-
270 (10.63)	360 (14.17)	180 (7.09)	**NSYPLS2736G**	**NSYPLSC2736G**	**NSYPLSP2736G**
270 (10.63)	360 (14.17)	230 (9.06)	**NSYPLS2736AG**	**NSYPLSC2736AG**	-
270 (10.63)	540 (21.26)	180 (7.09)	**NSYPLS2754G**	**NSYPLSC2754G**	**NSYPLSP2754G**
270 (10.63)	540 (21.26)	230 (9.06)	**NSYPLS2754AG**	**NSYPLSC2754AG**	-
360 (14.17)	270 (10.63)	180 (7.09)	-	-	-
360 (14.17)	270 (10.63)	180 (7.09)	-	-	-
360 (14.17)	360 (14.17)	180 (7.09)	**NSYPLS3636G**	**NSYPLSC3636G**	**NSYPLSP3636G**
360 (14.17)	540 (21.26)	180 (7.09)	**NSYPLS3654G**	**NSYPLSC3654G**	**NSYPLSP3654G**
360 (14.17)	540 (21.26)	230 (9.06)	**NSYPLS3654AG**	**NSYPLSC3654AG**	-
360 (14.17)	720 (28.35)	230 (9.06)	**NSYPLS3672AG**	**NSYPLSC3672AG**	-
540 (21.26)	270 (10.63)	180 (7.09)	-	-	-
540 (21.26)	540 (21.26)	180 (7.09)	**NSYPLS5454G**	**NSYPLSC5454G**	**NSYPLSP5454G**
540 (21.26)	540 (21.26)	230 (9.06)	**NSYPLS5454AG**	**NSYPLSC5454AG**	-
540 (21.26)	720 (28.35)	230 (9.06)	**NSYPLS5472AG**	**NSYPLSC5472AG**	-

Rear | **Low covers: 45 (1.77)** mm (in.)



Dimensions mm (in.)			Rear 135 mm (in.)	Transparent	Polycarbonate	Polyester
Height	Width	Depth				
180 (7.09)	270 (10.63)	180 (7.09)	**NSYFPLS1827G**	**NSYTPLS1827**	**NSYTPLSC1827G**	-
270 (10.63)	270 (10.63)	180 (7.09)	**NSYFPLS2727G**	**NSYTPLS2727**	**NSYTPLSC2727G**	**NSYTPLSP2727G**
270 (10.63)	270 (10.63)	230 (9.06)	**NSYFPLS2727G**	-	-	-
270 (10.63)	360 (14.17)	180 (7.09)	**NSYFPLS2736G**	**NSYTPLS2736**	**NSYTPLSC2736G**	-
270 (10.63)	360 (14.17)	230 (9.06)	**NSYFPLS2736G**	-	-	-
270 (10.63)	540 (21.26)	180 (7.09)	**NSYFPLS2754G**	**NSYTPLS2754**	**NSYTPLSC2754G**	**NSYTPLSP2754G**
270 (10.63)	540 (21.26)	230 (9.06)	**NSYFPLS2754G**	-	-	-
360 (14.17)	360 (14.17)	180 (7.09)	**NSYFPLS3636G**	**NSYTPLS3636**	**NSYTPLSC3636G**	-
360 (14.17)	540 (21.26)	180 (7.09)	**NSYFPLS3654G**	**NSYTPLS3654**	**NSYTPLSC3654G**	**NSYTPLSP3654G**
360 (14.17)	540 (21.26)	230 (9.06)	**NSYFPLS3654G**	-	-	-
360 (14.17)	720 (28.35)	230 (9.06)	**NSYFPLS3672G**	-	-	-
540 (21.26)	540 (21.26)	180 (7.09)	**NSYFPLS5454G**	**NSYTPLS5454**	**NSYTPLSC5454G**	-
540 (21.26)	540 (21.26)	230 (9.06)	**NSYFPLS5454G**	-	-	-
540 (21.26)	720 (28.35)	230 (9.06)	**NSYFPLS5472G**	-	-	-

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

PanelSeT PLS: Modular Boxes

Selection Table

	Insulated modular boxes with modular distribution chassis			Modular distribution chassis			
				 NSYDLS12			
	Number of 18 mm (0.71 in.) modules	Number of rows	Approximate weight kg (lbs.)	References	Dimensions mm (in.) Height	Width	Depth
	12	1	1.7 (3.75)	**NSYDLS12**	180 (7.09)	270 (10.63)	180 (7.09)
	24	2	2.5 (5.51)	**NSYDLS24**	270 (10.63)	270 (10.63)	180 (7.09)
	-	-	-	-	270 (10.63)	270 (10.63)	230 (9.06)
	-	-	-	-	270 (10.63)	360 (14.17)	180 (7.09)
	-	-	-	-	270 (10.63)	360 (14.17)	230 (9.06)
	-	-	-	-	270 (10.63)	540 (21.26)	180 (7.09)
	-	-	-	-	270 (10.63)	540 (21.26)	230 (9.06)
	24	2	2.7 (5.95)	**NSYDLS242**	360 (14.17)	270 (10.63)	180 (7.09)
	36	3	2.8 (6.17)	**NSYDLS36**	360 (14.17)	270 (10.63)	180 (7.09)
	-	-	-	-	360 (14.17)	360 (14.17)	180 (7.09)
	-	-	-	-	360 (14.17)	540 (21.26)	180 (7.09)
	-	-	-	-	360 (14.17)	540 (21.26)	230 (9.06)
	-	-	-	-	360 (14.17)	720 (28.35)	230 (9.06)
	-	4	3.8 (8.38)	**NSYDLS48**	540 (21.26)	270 (10.63)	180 (7.09)
	48	-	-	-	540 (21.26)	540 (21.26)	180 (7.09)
	-	-	-	-	540 (21.26)	540 (21.26)	230 (9.06)
	-	-	-	-	540 (21.26)	720 (28.35)	230 (9.06)

	High covers: 95 (3.74) mm (in.)		Metal mounting plates		Insulated mounting plates			
	 NSYTPLS2736A	 NSYTPLSC2727AG	 PB500072_11_2_nb	 PB500102_15_2_nb	 NSYPMA1827G			
	Transparent	Opaque	Plain	Telequick	Polyester	Dimensions mm (in.) Height	Width	Depth
	-	-	**NSYPMM1827**	**NSYPMR1827**	**NSYPMA1827G**	180 (7.09)	270 (10.63)	180 (7.09)
	-	-	**NSYPMM2727**	**NSYPMR2727**	**NSYPMA2727G**	270 (10.63)	270 (10.63)	180 (7.09)
	NSYTPLS2727A	**NSYTPLSC2727AG**	**NSYPMM2727**	**NSYPMR2727**	**NSYPMA2727G**	270 (10.63)	270 (10.63)	230 (9.06)
	-	-	**NSYPMM2736**	**NSYPMR2736**	**NSYPMA2736G**	270 (10.63)	360 (14.17)	180 (7.09)
	NSYTPLS2736A	**NSYTPLSC2736AG**	**NSYPMM2736**	**NSYPMR2736**	**NSYPMA2736G**	270 (10.63)	360 (14.17)	230 (9.06)
	-	-	**NSYPMM2754**	**NSYPMR2754**	**NSYPMA2754G**	270 (10.63)	540 (21.26)	180 (7.09)
	NSYTPLS2754A	**NSYTPLSC2754AG**	**NSYPMM2754**	**NSYPMR2754**	**NSYPMA2754G**	270 (10.63)	540 (21.26)	230 (9.06)
	-	-	**NSYPMM3636**	-	**NSYPMA3636G**	360 (14.17)	360 (14.17)	180 (7.09)
	-	-	**NSYPMM3654**	**NSYPMR3654**	**NSYPMA3654G**	360 (14.17)	540 (21.26)	180 (7.09)
	NSYTPLS3654A	**NSYTPLSC3654AG**	**NSYPMM3654**	**NSYPMR3654**	**NSYPMA3654G**	360 (14.17)	540 (21.26)	230 (9.06)
	NSYTPLS3672A	**NSYTPLSC3672AG**	**NSYPMM3672**	-	**NSYPMA3672G**	360 (14.17)	720 (28.35)	230 (9.06)
	-	-	**NSYPMM5454**	-	**NSYPMA5454G**	540 (21.26)	540 (21.26)	180 (7.09)
	NSYTPLS5454A	**NSYTPLSC5454AG**	**NSYPMM5454**	-	**NSYPMA5454G**	540 (21.26)	540 (21.26)	230 (9.06)
	NSYTPLS5472A	**NSYTPLSC5472AG**	**NSYPMM5472**	-	**NSYPMA5472G**	540 (21.26)	720 (28.35)	230 (9.06)

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Panel**SeT** PLS: Modular Boxes

Accessories



Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Fixing and Coupling Accessories

1

Wall fixing lugs
See details p. 392

2

Coupling frames
See details p. 389

3

Side plates
See details p. 388

4

Box coupling unit piece
See details p. 391

Door Accessories

5

Closing locks
See details p. 446

6

Locking screws
See details p. 454

7

External hinges
See details p. 450

8

Internal hinges
See details p. 450

Other Accessories

9

Plastic carrying handle
See details p. 462

> For more information consult the Accessories chapter **page 342**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

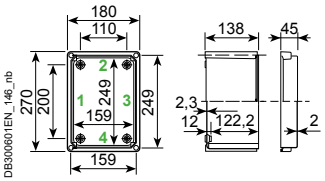
Insulated Boxes

Panel**SeT** PLS: Modular Boxes

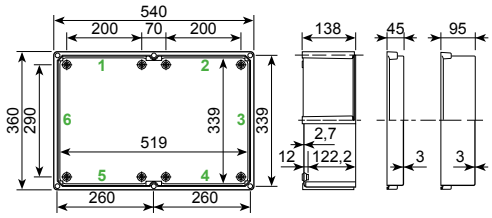
Dimensions

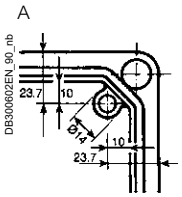
The Surfaces Are Numbered to Enable Identification of the Surfaces to Be Drilled in the Customized Offer

NSYPLS●●●1827G



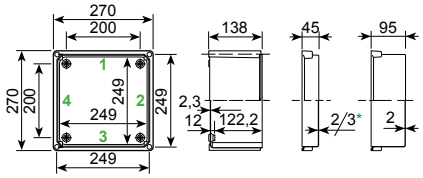
NSYPLS●●●3654●G



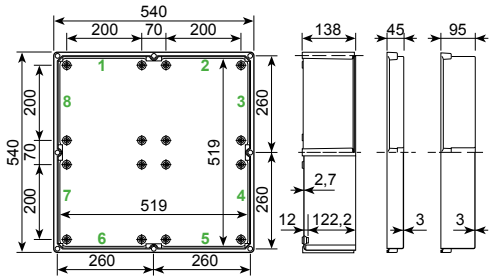


A - B: Internal view of the corners of the polyester covers with bosses for inserts ref. **NSYTEX5** for M5 screws.

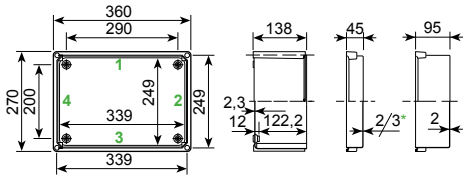
NSYPLS●●●2727●G



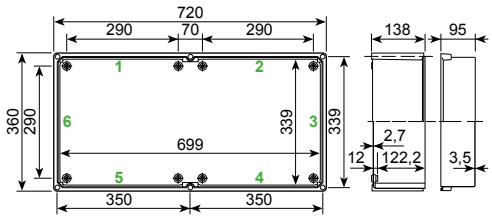
NSYPLS●●●5454●G



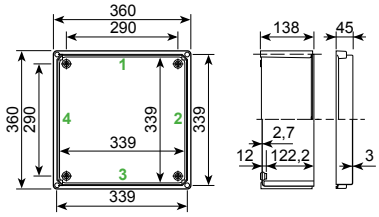
NSYPLS●●●2736●G



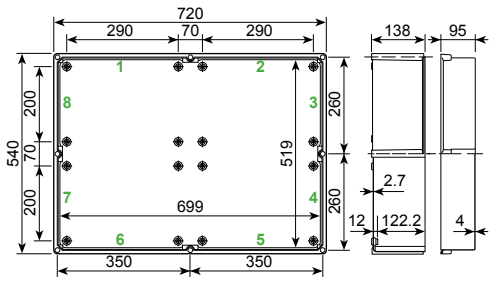
NSYPLS●●●3672●G



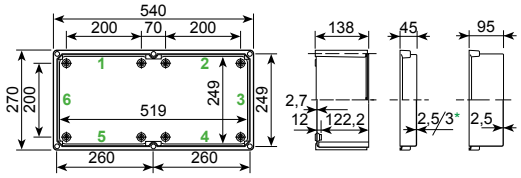
NSYPLS●●●3636G



NSYPLS●●●5472●G



NSYPLS●●●2754●G

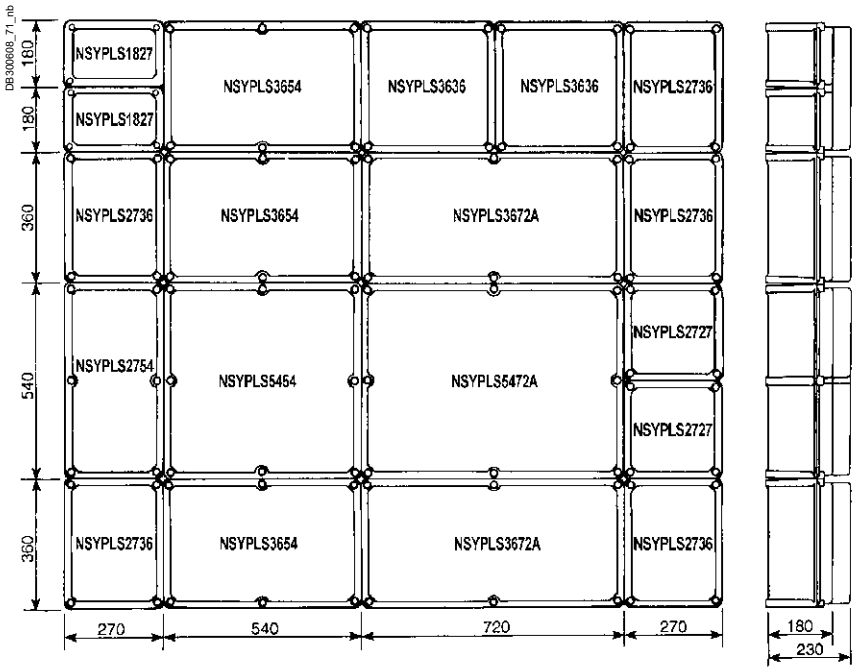


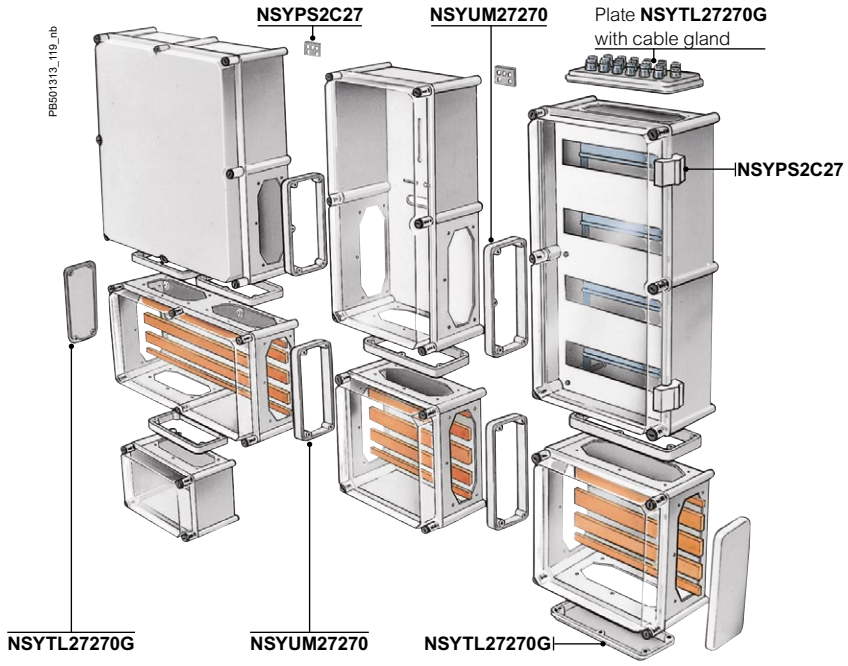
* Thickness of 30 (1.18)/10e mm (in.) for the polyester cover.

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Examples of Assembly

All the boxes can be joined by their lateral surfaces using the coupling frames **NSYUM●●●** or **NSYUCC●●●**, and the joining and fixing pieces **NSYPS2C27** and **NSYPS4C27**.





Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Panel**SeT** Insulated Enclosures

Insulated Wall-Mounted Enclosures

Panel**SeT** PLM

PB500147SE_19_nb



PB501325SE_95_nb



Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Panel**SeT** PLM

Introduction	**144**
Characteristics	**146**
Selection Table	**148**
Accessories	**150**
Dimensions	**152**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

PanelSeT PLM

Introduction



The fiberglass reinforced polyester wall-mounted enclosure is suitable for both indoor and outdoor installations, especially in harsh environments. It can withstand extreme temperatures and offers high electrical isolation. Additionally, it is highly resistant to fire, vandalism, and corrosion.

Note:
Prolonged exposure to UV radiation, wind and rain can cause aesthetics changes in the external surface of the enclosure without affecting the technical properties according to IEC 62208. For long-term aesthetics requirements, it is recommended to use painted enclosures available through our customization offer.

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.



New

Recycled Material from January 2025
- Made of polyester with 37% of post-industrial recycled material content
- Use of recycled packaging



Easy Installation
- Door easily reversible by turning it over
- Opening to 120° or 180°
- Easy machining with no corrosion
- Lightness
- Polyamide hinge pin, easily removable and captive



Smart Interior
- Notches for easy fixing of DIN rails
- Grid pattern on the rear of the door for marking the machining operations



Service Life
- High resistance to corrosion in harsh environments, maintaining mechanical properties and insulation



Landscape Option
- Horizontal enclosures for photovoltaic and multiple applications
- Easily and quickly removable door system (without removing hinges and pins)
- For more details see page 147

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Insulated Wall-Mounted Enclosures

Panel**SeT** PLM

Characteristics

Characteristics	ABS/PC wall-mounted enclosures	Polyester wall-mounted enclosures		
According to Reach and RoHs & Halogen-free Class II				
	• Monobloc wall-mounted enclosure. • Version with transparent polycarbonate door. • Door opening: 180°. • Supplied with a lock with double-bar insert as standard	• Monobloc wall-mounted enclosure. • Version with transparent tempered-glass door. • Door opening angle: 120°. • Grid pattern with a pitch of 50 (1.97) mm (in.) on the back of the door. • Supplied with one lock with a double-bar insert as standard.	• Monobloc wall-mounted enclosure. • Version with transparent tempered-glass door. • Locking device outside the sealed area for long-term tightness according to IP66. • Locking system: enclosure height ≤ 847 (33.35) mm (in.): 2 locks with double-bar insert ref. **NSYCDBPLM** or 1 handle with key lock and 3-point locking system, • Enclosure height 1056 (41.58) mm (in.): 1 lock with double-bar insert and 4-point locking system ref. **NSYVPLM108**. • Door opening angle: 180°. • Bosses for accessory-fixing inserts: M6 inside the enclosure, M5 in the door for enclosure heights of 430 (16.93) and 530 (20.87) mm (in.), M6 in the door for enclosure heights ≥ 647 (25.47) mm (in.). • Grid pattern with a pitch of 25 (0.98) mm (in.) on the back of the door.	
Material	ABS/PC	Polyester reinforced with fiberglass, molded by hot compression		
Temperature range - Gasket	-40 °C to +80 °C			
Color	RAL 7035 gray			
Ingress protection rating	IP66 according to IEC 60529			
Mechanical protection rating	• IK10 plain door • IK08 glazed door			
Certifications (see page 480)	• IEC 62208 • Bureau Veritas Marine	• IEC 62208 • Marine • UL (cULus). Rating according to UL50E: 1, 2, 3, 3R, 4, 4X, 5, 12 and 13. • Certifications exclude range NSYPLM...VG or TVG		• IEC 62208 • Marine
Installation	• Direct fixing of symmetrical rails ref. **NSYCS200PLM** with plastic nuts ref. **NSYTCSPLM**, to be installed in the notches on the rear of the body, with a pitch of 25 (0.98) mm (in.) • Fixing of installation plates on the studs at the rear of the enclosure	• Fixing of rear accessories on 4 M8 x 18 studs	• Fixing of rear accessories on 4 M8 studs, included in the standard supply • Direct fixing of symmetrical rails ref. **NSYCS●●●PLM**, with plastic nuts, ref. NSYTCSPLM, to be installed in the notches on the rear of the body, with a pitch of 25 (0.98) mm (in.)	

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

PanelSeT PLM Landscape

Horizontal wall-mounted enclosures designed for photovoltaic and multiple outdoor applications installed in harsh environments

General Characteristics

- Wall-mounted enclosures made of fiberglass reinforced polyester molded by hot compression.
- Monobloc body with polyurethane gasket.
- Wider sizes with more space available in the bottom of the enclosure to install additional cable entries.
- Impact resistance IK10, IEC 62262.
- Protection degree IP 66, IEC 60529.
- Class II insulation.
- Certifications: IEC 62208 and UL UL508A and CSA 22.2 (C-UL-US) - NEMA type: 1, 2, 3, 3R, 3S, 4, 4X, 5, 12 and 13.
- Reach and RoHs compliance.
- Color: RAL 7035.

Removable Door System

- Removable door system that allows:
  - Enhanced access to the internal part of the enclosure.
  - Easy and quick assembly/disassembly of the door (without dismounting the hinges and removing the pin).



Self-Adhesive and Fixable Canopy

- Self-adhesive canopy made of PVC available as an accessory - black RAL 9005 Color.
- For outdoor use, the canopy must be installed to protect the door gasket against water stagnation.



Wall Fixing Lugs

- Set of 4 wall fixing lugs (plastic or stainless-steel) available as an accessory.
- Quick and easy assembly through the inserts, without drilling the enclosure. IP66 guaranteed.



Landscape Enclosures - RAL 7035


NSYS3HD3215


NSYPLM810G

Characteristics	Height mm (in.)	Width mm (in.)	Depth mm (in.)	Number of locks	References
Landscape enclosures. RAL 7035	536 (21.10)	747 (29.41)	300 (11.81)	2	**NSYPLM57G**
Landscape enclosures. RAL 7035	636 (25.04)	847 (33.35)	300 (11.81)	2	**NSYPLM68G**
Landscape enclosures. RAL 7035	852 (33.54)	1056 (41.57)	350 (13.78)	1	**NSYPLM810G**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Insulated Wall-Mounted Enclosures

Panel**SeT** PLM

Selection Table

External dimensions mm (in.)			References of wall-mounted enclosures with door							
Height	Width	Depth	Plain (3)	Transparent (4)	Plain (3)	Transparent (4)	Plain (3)	Transparent (4)	Plain (1)	Transparent (1) (4)
308 (12.13)	255 (10.04)	160 (6.30)	-	-	**NSYPLM3025G**	**NSYPLM3025TG**	-	-	-	-
310 (12.20)	215 (8.46)	160 (6.30)	**NSYPLM32G**	**NSYPLM32TG**	-	-	-	-	-	-
430 (16.93)	330 (12.99)	200 (7.87)	-	-	-	-	**NSYPLM43G**	**NSYPLM43TG**	**NSYPLM43VG**	**NSYPLM43TVG**
530 (20.87)	430 (16.93)	200 (7.87)	-	-	-	-	**NSYPLM54G**	**NSYPLM54TG**	**NSYPLM54VG**	**NSYPLM54TVG**
647 (25.47)	436 (17.16)	250 (9.84)	-	-	-	-	**NSYPLM64G**	**NSYPLM64TG**	**NSYPLM64VG**	**NSYPLM64TVG**
747 (29.41)	536 (21.10)	300 (11.81)	-	-	-	-	**NSYPLM75G**	**NSYPLM75TG**	**NSYPLM75VG**	**NSYPLM75TVG**
847 (33.35)	636 (25.04)	300 (11.81)	-	-	-	-	**NSYPLM86G**	**NSYPLM86TG**	**NSYPLM86VG**	**NSYPLM86TVG**
1056 (41.58)	852 (33.54)	350 (13.78)	-	-	-	-	**NSYPLM108G** (2)	**NSYPLM108TG** (2)	-	-

(1) Wall-mounted enclosure with handle and lock with 3-point locking system and key 1242 E delivered as standard.
(2) Wall-mounted enclosure with standard 5 (0.20) mm (in.) double-bar lock and lock with 4-point locking system.
(3) These enclosures are also available equipped with metal or insulated mounted plates.
(4) Must be protected against UV radiation.

Comment:
NSYPLMRS108GA is also certified by UL (cULus).

Comment:
For dimensions see page 152

	ABS/PC wall-mounted enclosures with door		Polyester wall-mounted enclosures with door	
				
External dimensions mm (in.)				
Height	**Width**	**Depth**	**Plain (3)**	**Transparent (4)**	**Plain (3)**	**Transparent (4)**
310 (12.20)	215 (8.46)	160 (6.30)	**NSYPLM32G**	**NSYPLM32TG**	-	-
308 (12.13)	255 (10.04)	160 (6.30)	-	-	**NSYPLM3025G**	**NSYPLM3025TG**

Comment:
For dimensions see page 153

	Polyester wall-mounted enclosures with door			
				
External dimensions mm (in.)				
Height	**Width**	**Depth**	**Plain (3)**	**Transparent (4)**	**Plain (1)**	**Transparent (1)(4)**
430 (16.93)	330 (12.99)	200 (7.87)	**NSYPLM43G**	**NSYPLM43TG**	**NSYPLM43VG**	**NSYPLM43TVG**
530 (20.87)	430 (16.93)	200 (7.87)	**NSYPLM54G**	**NSYPLM54TG**	**NSYPLM54VG**	**NSYPLM54TVG**
647 (25.47)	436 (17.16)	250 (9.84)	**NSYPLM64G**	**NSYPLM64TG**	**NSYPLM64VG**	**NSYPLM64TVG**
747 (29.41)	536 (21.10)	300 (11.81)	**NSYPLM75G**	**NSYPLM75TG**	**NSYPLM75VG**	**NSYPLM75TVG**
847 (33.35)	636 (25.04)	300 (11.81)	**NSYPLM86G**	**NSYPLM86TG**	**NSYPLM86VG**	**NSYPLM86TVG**
1056 (41.58)	852 (33.54)	350 (13.78)	**NSYPLM108G** (2)	**NSYPLM108TG** (2)	-	-

(1) Wall-mounted enclosure with handle and lock with 3-point locking system and key 1242 E delivered as standard.
(2) Wall-mounted enclosure with standard 5 (0.20) mm (in.) double-bar lock and lock with 4-point locking system.
(3) These enclosures are also available equipped with metal or insulated mounted plates.
(4) Must be protected against UV radiation.

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Insulated Wall-Mounted Enclosures
PanelSeT PLM
Selection Table

Comment:
For dimensions see page 153

External dimensions mm (in.)			ABS/PC wall-mounted enclosures with door		Polyester wall-mounted enclosures with door	
						
Height	Width	Depth	Plain	Bakelite	Plain	Bakelite
310 (12.20)	215 (8.46)	160 (6.30)	**NSYPLM32PG**	**NSYPLM32BG**	-	-
308 (12.13)	255 (10.04)	160 (6.30)	-	-	**NSYPLM3025PG**	**NSYPLM3025BG**

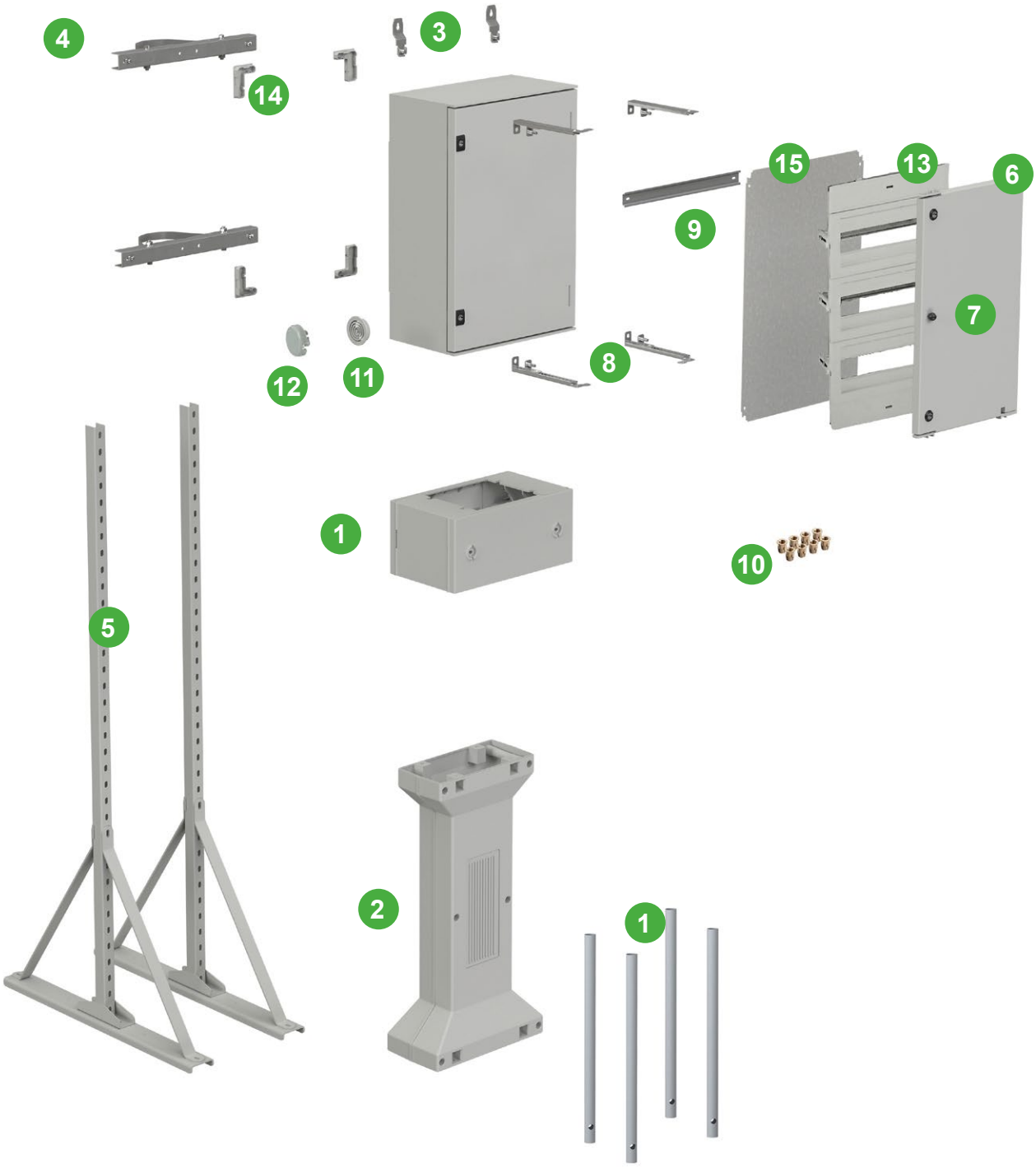
Comment:
For dimensions see page 153

External dimensions mm (in.)			Wall-mounted enclosures with plain door and mounted plate (not mounted)	
				
Height	Width	Depth	Plain	Bakelite
430 (16.93)	330 (12.99)	200 (7.87)	**NSYPLM43PG**	**NSYPLM43BG**
530 (20.87)	430 (16.93)	200 (7.87)	**NSYPLM54PG**	**NSYPLM54BG**
647 (25.47)	436 (17.16)	250 (9.84)	**NSYPLM64PG**	**NSYPLM64BG**
747 (29.41)	536 (21.10)	300 (11.81)	**NSYPLM75PG**	**NSYPLM75BG**
847 (33.35)	636 (25.04)	300 (11.81)	**NSYPLM86PG**	**NSYPLM86BG**
1056 (41.58)	852 (33.54)	350 (13.78)	-	**NSYPLM108BG**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Panel**SeT** PLM

Accessories



Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Fixing Accessories

1

Plinths and feet for buried installation
See details p. 405

2

Floor mounted pillar
See details p. 405

3

Wall fixing lugs
See details p. 393

4

Post fixing device
See details p. 399

5

Support bracket
See details p. 398

Door Accessories

6

Internal doors
See details p. 439

7

Inserts, keys, locks, padlocks and handles
See details p. 446

Other Accessories

8

Step slides
See details p. 382

9

Rails and plastic nuts for rails
See details p. 359

10

Fixing inserts
See details p. 462

11

Airing louvres
See details p. 462

12

Water drain plug
See details p. 462

13

Modular chassis and panels for chassis
See details p. 376

14

Blanking plates
See details p. 462

15

Mounting plate
See details p. 345

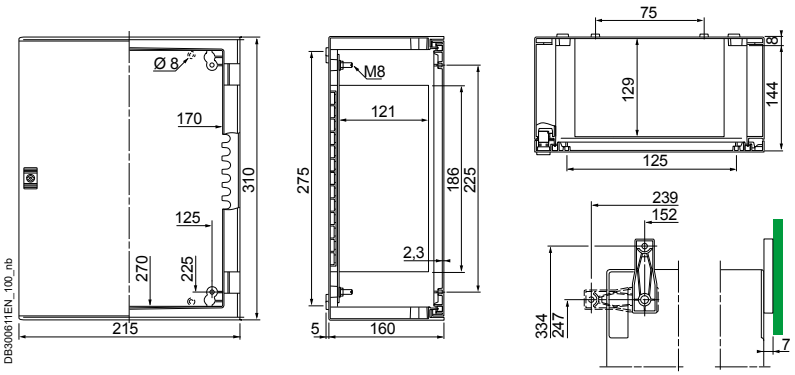
> For more information consult the Accessories chapter **page 342**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

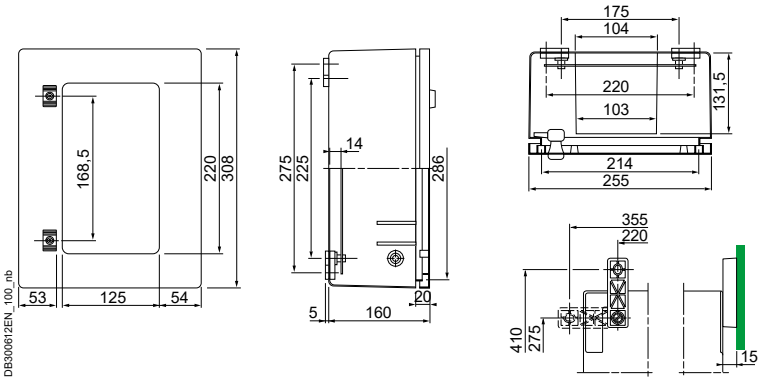
PanelSeT PLM

Dimensions

ABS/PC Wall-Mounted Enclosures



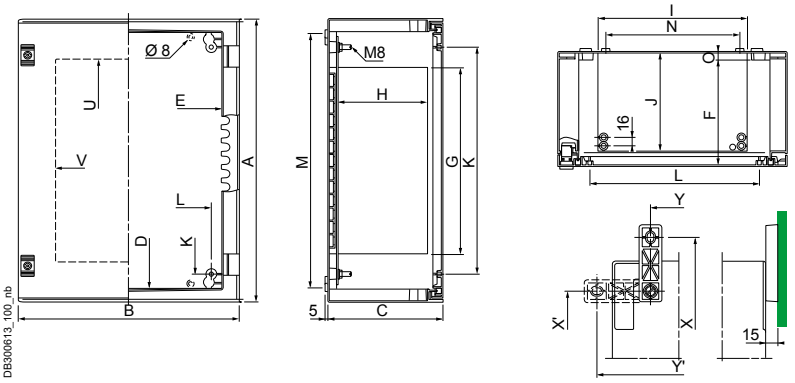
Polyester Wall-Mounted Enclosures 308 (12.13) x 255 (10.04) mm (in.)



Note: This model is available with only one lock!

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Other Polyester Wall-Mounted Enclosures



External fixing with lugs mm (in.)				
Vertical		Horizontal		
X	Y	X'	Y'	References
490 (19.29)	225 (8.86)	355 (13.98)	360 (14.17)	**NSYPLM43G**
590 (23.23)	325 (12.80)	455 (17.91)	460 (18.11)	**NSYPLM54G**
690 (27.16)	330 (12.99)	555 (21.85)	465 (18.31)	**NSYPLM64G**
790 (31.10)	430 (16.93)	655 (25.79)	565 (22.24)	**NSYPLM75G**
890 (35.04)	530 (20.87)	755 (29.72)	665 (26.18)	**NSYPLM86G**
1090 (42.91)	750 (29.53)	955 (37.60)	885 (34.84)	**NSYPLM108G**

Glazed door opening mm (in.)		
U	V	References
273 (10.75)	194 (7.64)	**NSYPLM43TG**
273 (10.75)	151 (5.94)	**NSYPLM43TVG**
373 (14.68)	294 (11.58)	**NSYPLM54TG**
373 (14.68)	251 (9.88)	**NSYPLM54TVG**
463 (18.23)	294 (11.58)	**NSYPLM64TG**
463 (18.23)	252 (9.92)	**NSYPLM64TVG**
563 (22.16)	394 (15.51)	**NSYPLM75TG**
563 (22.16)	352 (13.86)	**NSYPLM75TVG**
663 (26.10)	494 (19.45)	**NSYPLM86TG**
663 (26.10)	452 (17.80)	**NSYPLM86TVG**
854 (33.62)	661 (26.02)	**NSYPLM108TG**

Dimensions mm (in.)										Bottom screw and door bosses mm (in.)		Internal fixing mm (in.)			
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	References
430 (16.93)	330 (12.99)	200 (7.87)	380 (14.96)	260 (10.24)	181 (7.13)	247 (9.72)	150 (5.91)	179 (7.05)	168 (6.61)	325 (12.80)	225 (8.86)	375 (14.76)	150 (5.91)	13 (0.51)	**NSYPLM43G**
530 (20.87)	430 (16.93)	200 (7.87)	480 (18.90)	360 (14.17)	181 (7.13)	347 (13.66)	150 (5.91)	279 (10.98)	168 (6.61)	425 (16.73)	325 (12.80)	475 (18.70)	250 (9.84)	13 (0.51)	**NSYPLM54G**
647 (25.47)	436 (17.17)	250 (9.84)	580 (22.83)	360 (14.17)	228 (8.98)	388 (15.28)	192 (7.56)	279 (10.98)	212 (8.35)	525 (20.67)	325 (12.80)	575 (22.64)	250 (9.84)	13 (0.51)	**NSYPLM64G**
747 (29.41)	536 (21.10)	300 (11.81)	680 (26.77)	460 (18.11)	278 (10.94)	487 (19.17)	241 (9.49)	379 (14.92)	261 (10.28)	625 (24.61)	425 (16.73)	675 (26.57)	350 (13.78)	15 (0.59)	**NSYPLM75G**
847 (33.35)	636 (25.04)	300 (11.81)	780 (30.71)	560 (22.05)	278 (10.94)	587 (23.11)	241 (9.49)	479 (18.86)	261 (10.28)	725 (28.54)	525 (20.67)	775 (30.51)	450 (17.72)	15 (0.59)	**NSYPLM86G**
1056 (41.57)	852 (33.54)	350 (13.78)	980 (38.58)	760 (29.92)	327 (12.87)	775 (30.51)	280 (11.02)	680 (26.77)	300 (11.81)	925 (36.42)	725 (28.54)	975 (38.39)	650 (25.59)	15 (0.59)	**NSYPLM108G**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Panel**SeT** Insulated Enclosures

Insulated Floor-Standing Enclosures

Panel**SeT** PLA Version

PB503694



Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Panel**SeT** PLA

Introduction	**156**
Characteristics	**157**
Selection Table	**158**
Accessories	**160**
Dimensions	**162**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Panel**SeT** PLA

Introduction



The PanelSeT PLA is a range of fiberglass-reinforced polyester floor-standing enclosures, ideal for outdoor installations, harsh environments, and public areas. It features class II electrical isolation and offers exceptional resistance to fire, vandalism, and corrosion.

Note:
Prolonged exposure to UV radiation, wind and rain can cause aesthetics changes in the external surface of the enclosure without affecting the technical properties according to IEC 62208. For long-term aesthetics requirements, it is recommended to use painted enclosures available through our customization offer.

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Insulated Floor-Standing Enclosures
PanelSeT PLA
Characteristics

Characteristics	PLA version
  Class II	
	Sealed enclosure Enclosure obtained by assembling: • 1 sealed top part, • 1 sealed bottom part, • 2 side parts, • 1 or 2 rear panels (depending on width), • 1 or 2 doors (depending on width). • Locking system with handle with a 5 (0.20) mm (in.) double-bar insert block, included in the standard supply. Other blocks with inserts or barrels and keys optionally available. • Door opening to 120°.
Material	Polyester reinforced with fiberglass
Finish	• Molded by hot compression: the pieces have an excellent finish on both sides and can include numerous bosses for accommodating inserts and mounting or cable management accessories
Color	• RAL 7035 gray
Ingress protection rating	IP65 according to IEC 60529
Mechanical protection rating	IK10 (20 joules) plain door - IEC62262 and IK08 glazed door
Insulation	• Class II according to IEC 60950-1 if the mounting process follows the included mounting instructions sheet
Certifications	• UL (cULus). • Single door: NEMA types 1, 2, 3, 3X, 3R, 3RX, 3S, 3SX, 5, 12 and 13 • Double door: NEMA types 1, 2, 3R, 3RX, 5, 12 and 13 • Bureau Veritas Marine • IEC 62208
Installation	• Indoor use only. For outdoor use, must install a canopy • Direct fixing to the floor or by means of a plinth with a height of 60 (2.36) mm (in.), as an option, see page 406 • Option of fixing on a semi-embedded plinth, see page 406 • Optional wall fixing lugs • The versions with glassed door must be protected against the direct sunlight to avoid overheating.
Options	• Anti-posting door upon request

Note:
For more information on harsh environments see our PHD offer in the Specific Applications chapter on page 164.

NOTICE

ENCLOSURE PROTECTION

- Outdoor use requires the installation of a canopy.
- Glazed door enclosures must be protected against the direct sunlight to avoid overheating.

Failure to follow these instructions can result in equipment damage.

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Insulated Floor-Standing Enclosures

Panel**SeT** PLA, PLAZ

Selection Table

				Completely sealed enclosures, IP65	
				 PB503700_nb	 PB503706_nb
Dimensions mm (in.)					
Height	**Width**	**Depth**	**N° of doors**	**Plain**	**Glazed****
500 (19.68)	500 (19.68)	320 (12.60)	1	**NSYPLA553G**	**NSYPLA553TG**
500 (19.68)	500 (19.68)	420 (16.54)	1	**NSYPLA554G**	**NSYPLA554TG**
500 (19.68)	750 (29.53)	320 (12.60)	1	**NSYPLA573G**	**NSYPLA573TG**
500 (19.68)	750 (29.53)	420 (16.54)	1	**NSYPLA574G**	**NSYPLA574TG**
500 (19.68)	1000 (39.37)	320 (12.60)	2	**NSYPLA5103G**	-
500 (19.68)	1000 (39.37)	420 (16.54)	2	**NSYPLA5104G**	-
500 (19.68)	1250 (49.21)	320 (12.60)	2	**NSYPLA5123G**	-
500 (19.68)	1250 (49.21)	420 (16.54)	2	**NSYPLA5124G**	-
750 (29.53)	500 (19.68)	320 (12.60)	1	**NSYPLA753G**	**NSYPLA753TG**
750 (29.53)	500 (19.68)	420 (16.54)	1	**NSYPLA754G**	**NSYPLA754TG**
750 (29.53)	750 (29.53)	320 (12.60)	1	**NSYPLA773G**	**NSYPLA773TG**
750 (29.53)	750 (29.53)	420 (16.54)	1	**NSYPLA774G**	**NSYPLA774TG**
750 (29.53)	750 (29.53)	620 (24.41)	1	**NSYPLA776G**	**NSYPLA776TG**
750 (29.53)	1000 (39.37)	320 (12.60)	2	**NSYPLA7103G**	**NSYPLA7103TG**
750 (29.53)	1000 (39.37)	420 (16.54)	2	**NSYPLA7104G**	**NSYPLA7104TG**
750 (29.53)	1250 (49.21)	320 (12.60)	2	**NSYPLA7123G**	**NSYPLA7123TG**
750 (29.53)	1250 (49.21)	420 (16.54)	2	**NSYPLA7124G**	**NSYPLA7124TG**
1000 (39.37)	500 (19.68)	320 (12.60)	1	**NSYPLA1053G**	**NSYPLA1053TG**
1000 (39.37)	500 (19.68)	420 (16.54)	1	**NSYPLA1054G**	**NSYPLA1054TG**
1000 (39.37)	750 (29.53)	320 (12.60)	1	**NSYPLA1073G**	**NSYPLA1073TG**
1000 (39.37)	750 (29.53)	420 (16.54)	1	**NSYPLA1074G**	**NSYPLA1074TG**
1000 (39.37)	1000 (39.37)	320 (12.60)	2	**NSYPLA10103G**	**NSYPLA10103TG**
1000 (39.37)	1000 (39.37)	420 (16.54)	2	**NSYPLA10104G**	**NSYPLA10104TG**
1000 (39.37)	1250 (49.21)	320 (12.60)	2	**NSYPLA10123G**	**NSYPLA10123TG**
1000 (39.37)	1250 (49.21)	420 (16.54)	2	**NSYPLA10124G**	**NSYPLA10124TG**
1250 (49.21)	500 (19.68)	320 (12.60)	1	**NSYPLA1253G**	**NSYPLA1253TG**
1250 (49.21)	500 (19.68)	420 (16.54)	1	**NSYPLA1254G**	**NSYPLA1254TG**
1250 (49.21)	750 (29.53)	320 (12.60)	1	**NSYPLA1273G**	**NSYPLA1273TG**
1250 (49.21)	750 (29.53)	420 (16.54)	1	**NSYPLA1274G**	**NSYPLA1274TG**
1250 (49.21)	750 (29.53)	620 (24.41)	1	**NSYPLA1276G**	**NSYPLA1276TG**
1250 (49.21)	1000 (39.37)	320 (12.60)	2	**NSYPLA12103G**	**NSYPLA12103TG**
1250 (49.21)	1000 (39.37)	420 (16.54)	2	**NSYPLA12104G**	**NSYPLA12104TG**
1250 (49.21)	1250 (49.21)	320 (12.60)	2	**NSYPLA12123G**	**NSYPLA12123TG**
1250 (49.21)	1250 (49.21)	420 (16.54)	2	**NSYPLA12124G**	**NSYPLA12124TG**
1250 (49.21)	1250 (49.21)	620 (24.41)	2	**NSYPLA12126G**	**NSYPLA12126TG**
1500 (59.06)	500 (19.68)	320 (12.60)	1	**NSYPLA1553G**	**NSYPLA1553TG**
1500 (59.06)	500 (19.68)	420 (16.54)	1	**NSYPLA1554G**	**NSYPLA1554TG**
1500 (59.06)	750 (29.53)	320 (12.60)	1	**NSYPLA1573G**	**NSYPLA1573TG**
1500 (59.06)	750 (29.53)	420 (16.54)	1	**NSYPLA1574G**	**NSYPLA1574TG**
1500 (59.06)	750 (29.53)	620 (24.41)	1	**NSYPLA1576G**	**NSYPLA1576TG**
1500 (59.06)	1000 (39.37)	320 (12.60)	2	**NSYPLA15103G**	**NSYPLA15103TG**
1500 (59.06)	1000 (39.37)	420 (16.54)	2	**NSYPLA15104G**	**NSYPLA15104TG**
1500 (59.06)	1250 (49.21)	320 (12.60)	2	**NSYPLA15123G**	**NSYPLA15123TG**
1500 (59.06)	1250 (49.21)	420 (16.54)	2	**NSYPLA15124G**	**NSYPLA15124TG**
1500 (59.06)	1250 (49.21)	620 (24.41)	2	**NSYPLA15126G**	**NSYPLA15126TG**
2000 (78.74)	750 (29.53)	420 (16.54)	2*	**NSYPLA2074G**	**NSYPLA2074TG**

*Two doors in vertical.

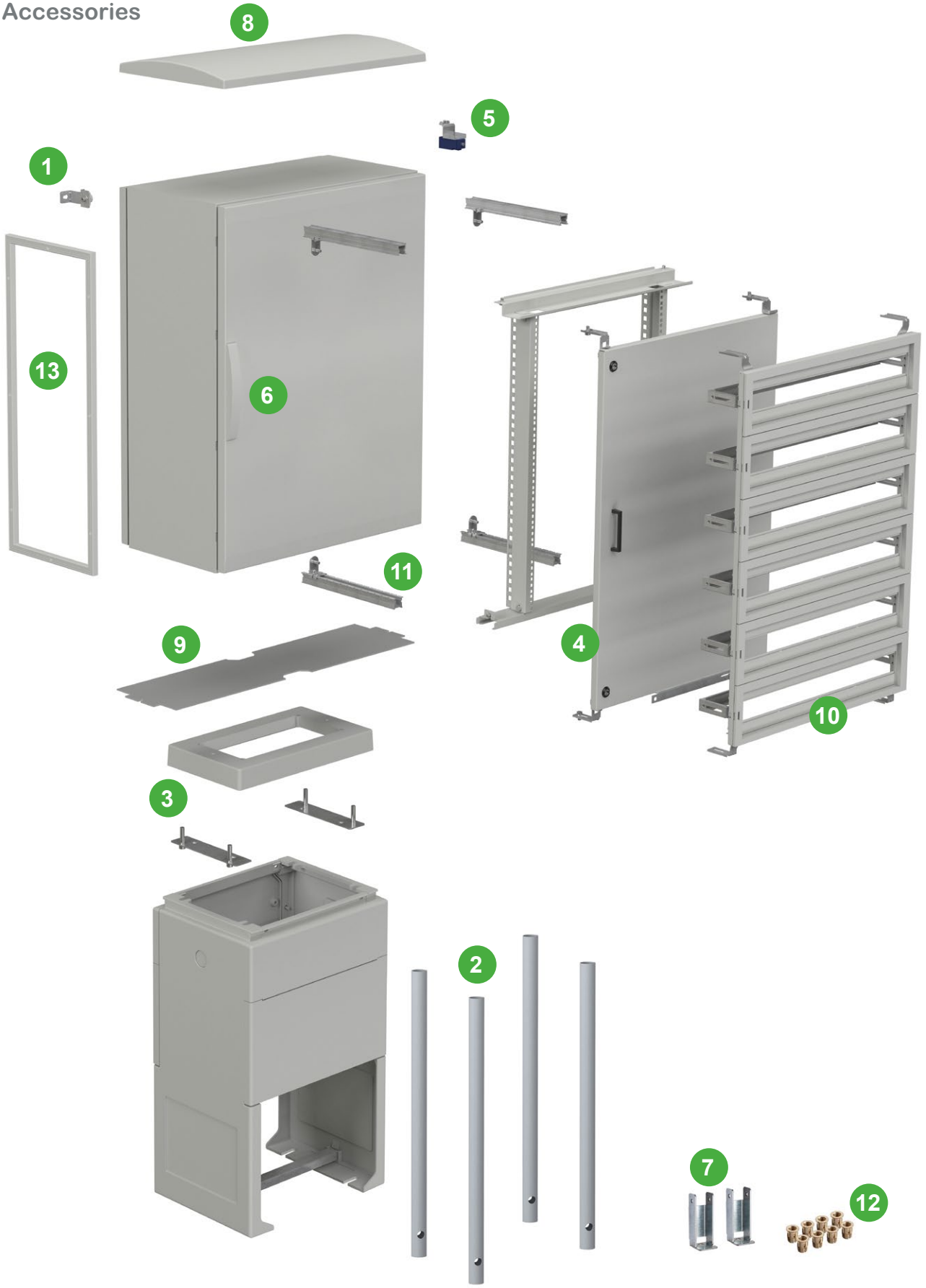
**Recommended to protect against the direct UV radiation.

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Panel**SeT** PLA

Accessories



Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Fixing Accessories

1



Wall fixing lug

See details p. 393

2



Feet for buried Installation

See details p. 408

3



Plinth and plinth accessories

See details p. 406

Door Accessories

4



Internal door

See details p. 439

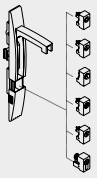
5



Door switch

See details p. 451

6



Inserts, keys, locks and handles

See details p. 448

7



Intermediate support in two floor enclosures

See details p. 463

Other Accessories

8



Canopy

See details p. 397

9



Cable entry plate

See details p. 433

10



Chassis

See details p. 376

11



Step slides, plates and additionnal supports

See details p. 382

12



Inserts

See details p. 462

13



Coupling kit

See details p. 390

> For more information consult the Accessories chapter **page 342**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

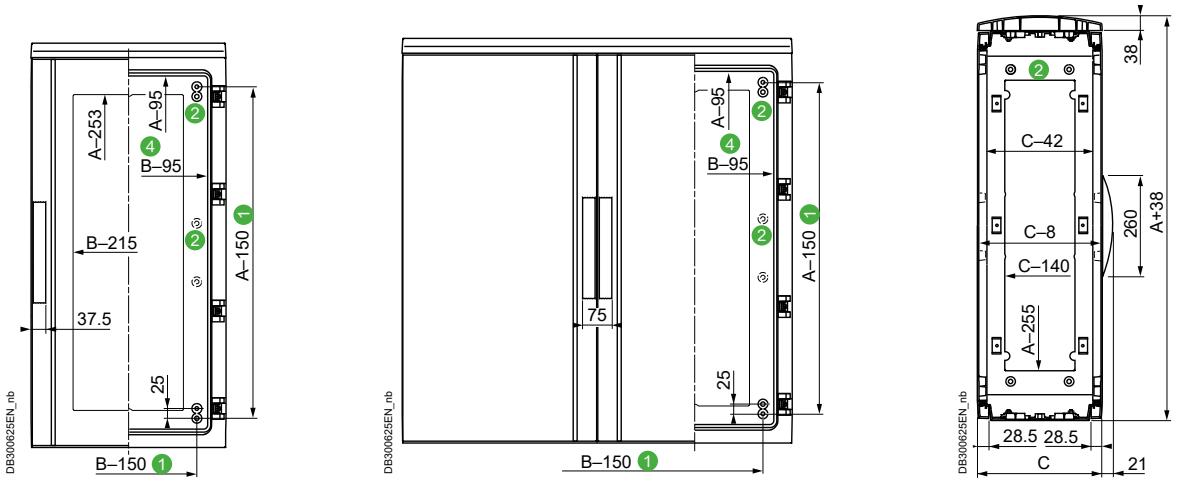
Insulated Floor-Standing Enclosures

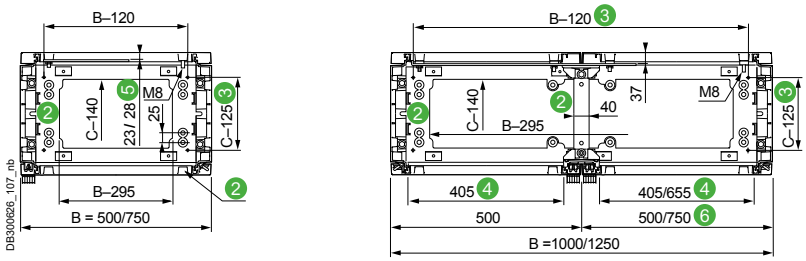
Panel**SeT** PLA, PHD

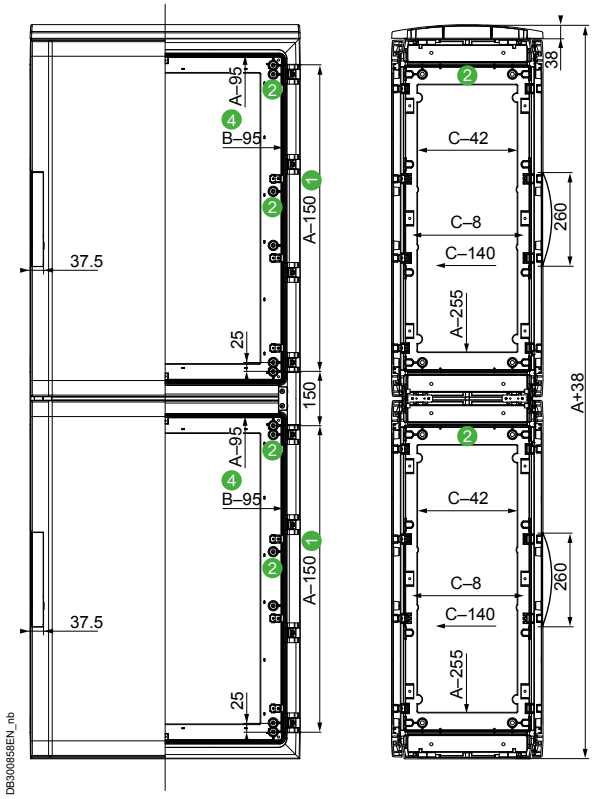
Dimensions

Sealed Enclosure or Enclosure with Ventilated Canopy

For enclosures without canopy, please just disregard the related 38 (1.50) mm (in.).





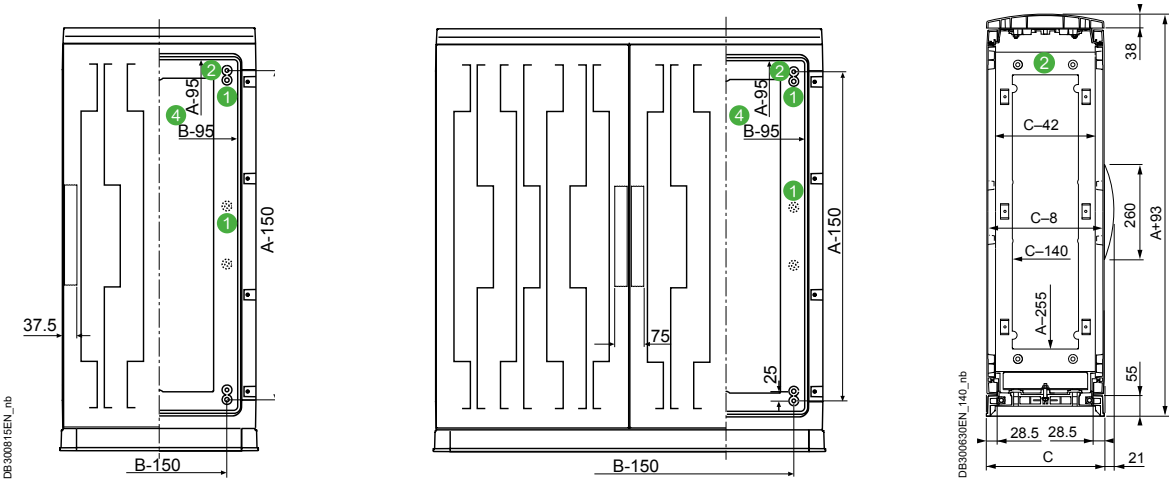


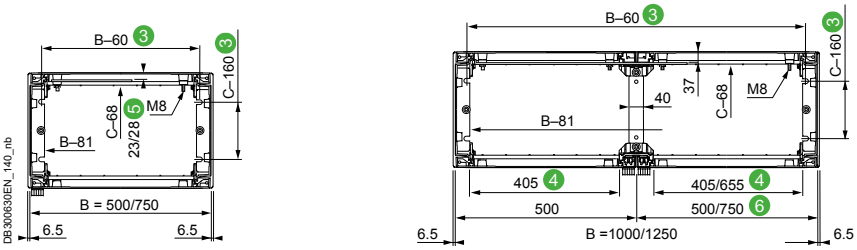
1. 4 bosses with M8 inserts and studs for direct fixing of mounting plates.
2. Bosses designed to accommodate M8 inserts, ref. **NSYTEX8**. They are placed:
   – On the back of the enclosure, from the height of 1000 (39.37) mm (in.). They allow the fixing of partial mounting plates and assorted equipment.
   – On the top and bottom parts of the enclosure. They are used for fixing the step slides, an internal door, 19” chassis, etc.
3. Dimensions for fixing on the floor or on a plinth.
4. Entry dimensions, door open.
5. Dimension of 28 (1.10) mm (in.) for enclosures with heights of more than 1000 (39.37) mm (in.) (height after the installation of the plain mounting plates with reinforcement foldings).
6. With a width of 1250 (49.21) mm (in.) in standard supply, 500 (19.68) mm (in.) door on the left and 750 (29.53) mm (in.) door on the right.

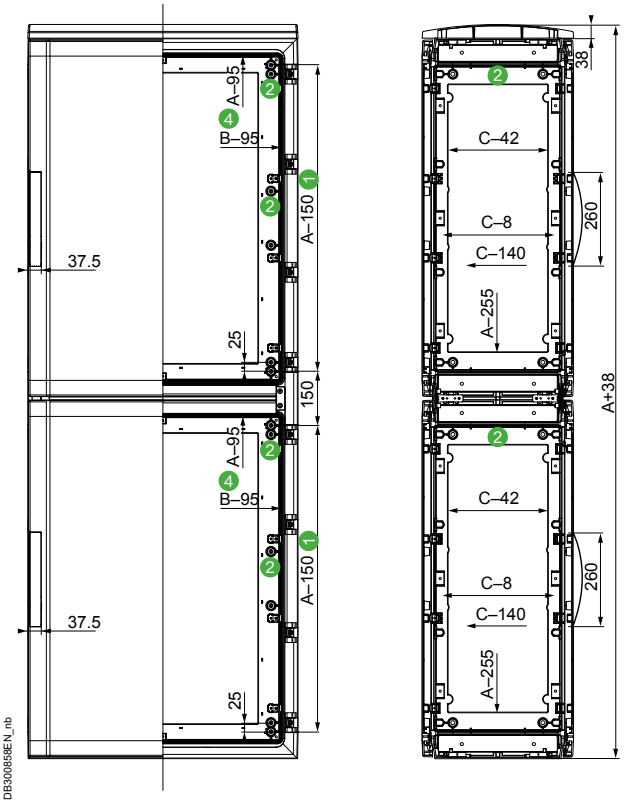
Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Enclosures with Open Bottom - Plinth Type with or without Ventilated Canopy

For enclosures without canopy, please disregard the corresponding 38 (1.50) mm (in.).







1. 4 bosses with M8 inserts and studs for direct fixing of mounting plates.
2. Bosses designed to accommodate M8 inserts, ref. **NSYTEX8**. They are placed:
   – On the back of the enclosure, from the height of 1000 (39.37) mm (in.). They allow the fixing of partial mounting plates and assorted equipment.
   – On the top and bottom parts of the enclosure. They are used for fixing the step slides, an internal door, 19” chassis, etc.
3. Dimensions for fixing on the floor or on a plinth.
4. Entry dimensions, door open.
5. Dimension of 28 (1.10) mm (in.) for enclosures with heights of more than 1000 (39.37) mm (in.) (height after the installation of the plain mounting plates with reinforcement foldings).
6. With a width of 1250 (49.21) mm (in.) in standard supply, 500 (19.68) mm (in.) door on the left and 750 (29.53) mm (in.) door on the right.

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Specific Applications Enclosures

Electrical Distribution

Image 08



PB502995_140_nb



Human Machine Interface

New



Network and Server

New



Seismic Environments

New



Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Content

Human Machine Interface	166
Network and Server	200
Severe Outdoor	220
Seismic Environments	234
Explosive Atmospheres	258
Electro Magnetic Compatibility	270
Variable-Speed Drive Flush-Mounting Kit	278
Enclosure Interlock	282

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Specific Applications

Human Machine Interface

PanelSeT SFN PC:
Suitable Control PC Rack



PanelSeT SD:
Control Desk



PanelSeT S3CM:
Control Enclosure with Suspension Rack



Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Panel**SeT** SFN PC: Suitable Control PC Rack

Introduction	**168**
Characteristics	**170**
Dimensions	**171**
Accessories	**172**

Panel**SeT** SD: Control Desk

Introduction	**174**
Characteristics	**176**
Accessories	**178**
Dimensions	**185**

Panel**SeT** S3CM: Control Enclosure with Suspension Rack

Introduction	**188**
Selection Table	**191**
Accessories	**193**
Dimensions	**196**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

PanelSeT SFN PC: Suitable Control PC Rack

Introduction





The PanelSeT SFN PC Rack is designed to shelter and control computer equipment in industrial environments.
It proposes various functions and working heights for optimal comfort.

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

PanelSeT SFN PC: Suitable Control PC Rack

Introduction



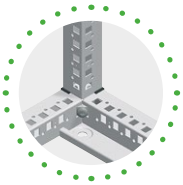
Convenience
- Anti-glare glazed door designed for viewing screens up to 17"
- Cable entry made easier by a two-piece cable-gland plate



Ergonomics
- Access to the various functions and working heights
- Partial doors delimit the access to each function with a 3 (0.12) mm (in.) double-bar lock
- Display and CPU support
- Keyboard and mouse support



Protection
- Locking system in the rear door
- locks in the front partial doors



Robust
Unique bolted structure with high load-bearing capacity

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

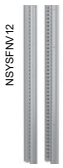
PanelSeT SFN PC: Suitable Control PC Rack

Characteristics

Blanking Plate



- Partial door for PC display, with Securit® anti-glare glass.
- Plain partial door for CPU (enclosures with height of 1800 (70.87) mm (in.)).
- Hinged plain door for keyboard.
- Plain partial door for optional installation of A4 printer support.
- Partial front doors opening to the right.
- Plain rear door, reversible opening direction (right or left).
- Roof and side panels fixed from the outside.
- Cable-gland plate with 1 entry.
- Finish: Structured finish, epoxy polyester powder
- Color: RAL 7035 gray
- Ingress protection rating: IP40 according to IEC 60529
- Mechanical protection rating: IK08 according to IEC 62262
- Certifications: UL (cULus). Rated 1, 12 according to UL50E

			Structure		Rear	Sides	Internal	
								
Dimensions mm (in.)			Number of compart-ments	Uprights	Frames + roof	Door	Panels	Tray	Cable gland plate 1-entry
H	W	D							
1600 (62.99)	600 (23.62)	600 (23.62)	3	**NSYSFNV16**	**NSYSFNC66**	**NSYSFND166**	**NSY2SPN166**	**NSYFXT6060**	**NSYEC661**
1600 (62.99)	600 (23.62)	800 (31.50)	3	**NSYSFNV16**	**NSYSFNC68**	**NSYSFND166**	**NSY2SPN168**	**NSYFXT8060**(1)	**NSYEC681**
1800 (70.87)	600 (23.62)	600 (23.62)	4	**NSYSFNV18**	**NSYSFNC66**	**NSYSFND186**	**NSY2SPN186**	**NSYFXT6060**	**NSYEC661**
1800 (70.87)	600 (23.62)	800 (31.50)	4	**NSYSFNV18**	**NSYSFNC68**	**NSYSFND186**	**NSY2SPN188**	**NSYFXT8060**(1)	**NSYEC681**

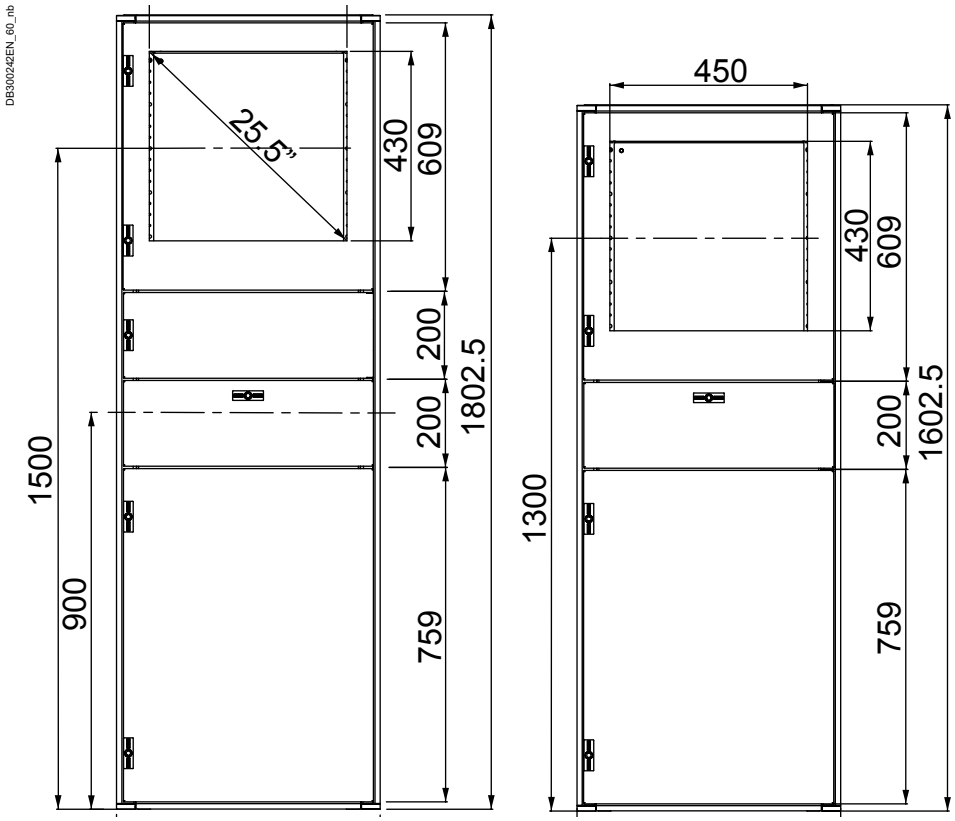
(1) The tray needs to be installed turned 90 degrees. This positioning differs from the standard orientation, as it places the cables at the side instead of the back.

			Front partial doors					
								
Dimensions mm (in.)			Number of compart-ments	Top and bottom covers	Display (top glazed H600)	CPU (plain H200)	Keyboard (door + housing)	Bottom plain	Intermediate crossbar
H	W	D							
1600 (62.99)	600 (23.62)	600 (23.62)	3	**NSYMFP2M6**	**NSYSFNPCPD600T**	-	**NSYSFNPCMK600**	**NSYSFNPCPD600**	2x **NSYMICN6**
1600 (62.99)	600 (23.62)	800 (31.50)	3	**NSYMFP2M6**	**NSYSFNPCPD600T**	-	**NSYSFNPCMK600**	**NSYSFNPCPD600**	2x **NSYMICN6**
1800 (70.87)	600 (23.62)	600 (23.62)	4	**NSYMFP2M6**	**NSYSFNPCPD600T**	**NSYMPD4M6**	**NSYSFNPCMK600**	**NSYSFNPCPD600**	3x **NSYMICN6**
1800 (70.87)	600 (23.62)	800 (31.50)	4	**NSYMFP2M6**	**NSYSFNPCPD600T**	**NSYMPD4M6**	**NSYSFNPCMK600**	**NSYSFNPCPD600**	3x **NSYMICN6**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

PanelSeT SFN PC: Suitable Control PC Rack

Dimensions



Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

PanelSeT SFN PC: Suitable Control PC Rack

Accessories



Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Fixing and Composition Accessories

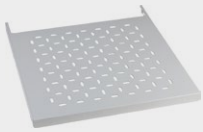
1



Plinths

See details p. 402

2



Fixed tray

See details p. 383

3

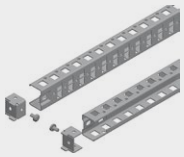


Handle for tray

See details p. 383

Other Accessories

4



Universal cross rail

See details p. 363

5



Telescopic rails

See details p. 383

> For more information consult the Accessories chapter **page 342**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

PanelSeT SD: Control Desk

Introduction



The range of PanelSeT SD control desks provides all features required of a workstation intended for industrial and infrastructure applications.
PanelSeT SD products offer two distinct solutions:
- The SD compact control desk,
- The SD control desk with console.

The range has protection ratings of IP55 and IK10 for enhanced protection of the installed devices.

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.



Accessibility

- Front accessibility, designed for straightforward solutions
- Rear accessibility, enables the installation of two adjoining plates
- The control desk with console offers full accessibility



Ease of Mounting

- The option of connecting the modular control desk to the modular consoles offers multiple combinations
- The opening direction of the door can be changed quickly thanks to the included hinges



Ease of Use

- The console opens easily and Smoothly thanks to the installed pneumatic opening lid stays
- Cable entry is optimized because all the models of the range include a cable gland plate with two adjustable parts



Compatibility

The PanelSeT SD control desk is compatible with several of the accessories of the PanelSeT SFN and SM ranges

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

PanelSeT SD: Control Desk

Characteristics

Compact Control Desk



Options:
It can also be equipped with a mounting plate, see page 183

Characteristics	
	• This range is available in 4 widths with fixed rear panel. • Full accessibility is provided from the front (no central upright). • Easy removable and reversible door opening to 120°. • Locking by 3 (0.12) mm (in.) doublebar lock (other inserts or cylinders also available, to be ordered separately, see page 183). • Desk lid equipped with a pneumatic opening stay. • Opens to 75°. Perforated reinforcement rails with a pitch of 25 (0.98) mm (in.). • Control desk equipped with adjustment rails with a pitch of 25 (0.98) mm (in.) and brackets allowing adjustment of the mounting plate depth. • Cable gland plate with 2 adjustable parts, with polyurethane gasket. • M8 x 18 (0.71) mm (in.) earthing screw for equipotential connection between the door and the body. • Material: Welded folded steel • Finish: Structured finish, epoxy polyester powder • Color: RAL 7035 gray • Thickness: 15 (0.59)/10^{e} mm (in.) • Ingress protection rating: IP55 according to IEC 60529 • Mechanical protection rating: IK10 according to IEC 62262

Number of doors	Width mm (in.)	Height mm (in.)	Depth mm (in.)	References
1	600 (23.62)	1000 (39.37)	469 (18.46)	**NSYSD6**
1	800 (31.50)	1000 (39.37)	469 (18.46)	**NSYSD8**
2	1000 (39.37)	1000 (39.37)	469 (18.46)	**NSYSD10**
2	1200 (47.24)	1000 (39.37)	469 (18.46)	**NSYSD12**

Compact Control Desk with Rear Panel



Options:
Modular consoles to be installed on top of compact control desk.
See details and combinations page 182. It can also be equipped with a mounting plate, see page 183.

Characteristics	
	• Removable rear panel. It enables the installation of two mounting plates back-to-back, allowing the installation of a large number of devices, while enabling full accessibility from the front and the rear. • At the top, these control desks are equipped with cable entry cut-outs, that allows the installation of one or more modular consoles. • Easy removable and reversible door, opening to 120°. • Locking by 3 mm (in.) doublebar lock (other inserts or cylinders also available, to be ordered separately, see page 183). • Desk lid equipped with a pneumatic opening stay. • Opens to 75°. Perforated reinforcement rails with a pitch of 25 (0.98) mm (in.). • Top cable entry cut-outs covered by a entire blanking cover. • Control desk equipped with adjustment rails with a pitch of 25 (0.98) mm (in.) and brackets allowing adjustment of the mounting plate depth. • Cable gland plate with 2 adjustable parts, with polyurethane gasket. • M8 x 18 (0.71) mm (in.) earthing screw for equipotential connection between the door and the body. • Material: Welded folded steel • Finish: Structured finish, epoxy polyester powder paint • Color: RAL 7035 gray • Thickness: 15 (0.59)/10^{e} mm (in.) • Ingress protection rating: IP55 according to IEC 60529 • Mechanical protection rating: IK10 according to IEC 62262

Number of doors	Width mm (in.)	Height mm (in.)	Depth mm (in.)	References
1	600 (23.62)	1000 (39.37)	600 (23.62)	**NSYSD6R**
1	800 (31.50)	1000 (39.37)	600 (23.62)	**NSYSD8R**
2	1000 (39.37)	1000 (39.37)	600 (23.62)	**NSYSD10R**
2	1200 (47.24)	1000 (39.37)	600 (23.62)	**NSYSD12R**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Control Desk with Console



Options:
- Plinth see page 180.
- Mounting plate, see page 183.
- Locking system: Other inserts or cylinders, see page 183.

Characteristics

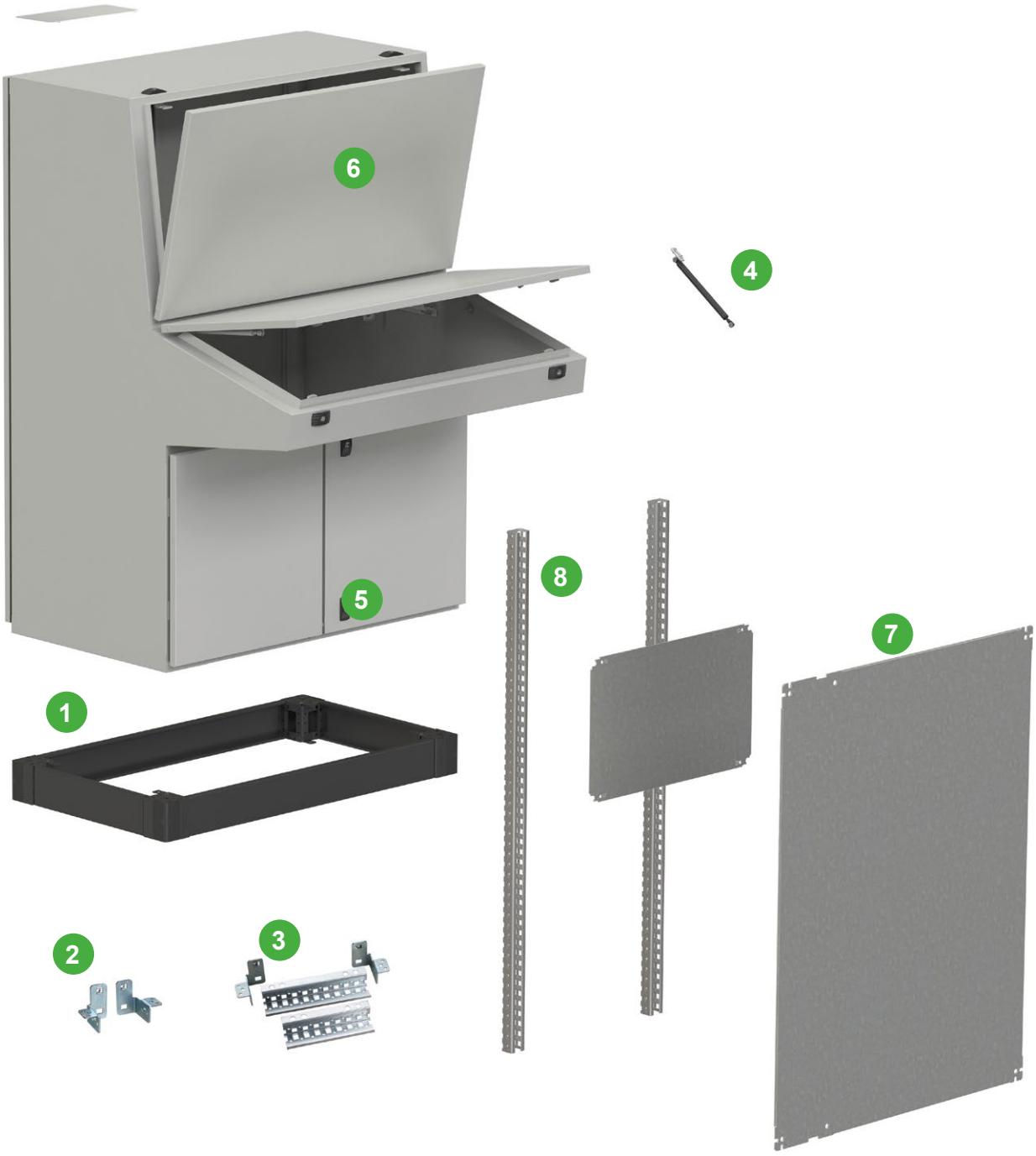
- Full accessibility is provided from the front and rear.
- Easy removable and reversible front door, opening to 120°.
- Locking by two-point locks with 3 (0.12) mm (in.) double-bar insert.
- Desk lid equipped with a pneumatic opening stay. Opens to 75°.
- Perforated reinforcement rails with a pitch of 25 (0.98) mm (in.) for quick installation of cables and cable ducts.
- Locking by two-point locks with 3 (0.12) mm (in.) double-bar insert.
- Hinged console cover equipped with a pneumatic opening stay.
- Opens to 75°.
- Locking by two-point locks with 3 (0.12) mm (in.) double-bar insert.
- Easy removable and reversible rear door, opening to 120°.
- Locking by three-point lock with flat escutcheon, 5 (0.2) mm (in.) double-bar insert.
- One entry cable gland plate, with polyurethane gasket.
- Control desk equipped with adjustment rails with a pitch of 25 (0.98) mm (in.) and brackets allowing adjustment of the mounting plate depth.
- M8 x 18 mm (in.) earthing screw for equipotential connection between the door and the body.
- Material: Welded folded steel
- Finish: Structured finish, epoxy polyester powder
- Color: RAL 7035 gray
- Thickness: 15 (0.59)/10[e] mm (in.)
- Ingress protection rating: IP55 according to IEC 60529
- Mechanical protection rating: IK10 according to IEC 62262

Nb of front doors	Nb of rear doors	Nb cable gland plates	Width mm (in.)	Height mm (in.)	Depth mm (in.)	References
1	1	1	800 (31.50)	1400 (55.12)	845 (33.27)	**NSYSDF88**
1	1	1	800 (31.50)	1400 (55.12)	1045 (41.14)	**NSYSDF810**
2	2	1	1000 (39.37)	1400 (55.12)	845 (33.27)	**NSYSDF108**
2	2	1	1000 (39.37)	1400 (55.12)	1045 (41.14)	**NSYSDF1010**
2	2	1	1200 (47.24)	1400 (55.12)	845 (33.27)	**NSYSDF128**
2	2	1	1200 (47.24)	1400 (55.12)	1045 (41.14)	**NSYSDF1210**
2	2	2	1600 (62.99)	1400 (55.12)	845 (33.27)	**NSYSDF168**
2	2	2	1600 (62.99)	1400 (55.12)	1045 (41.14)	**NSYSDF1610**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

PanelSeT SD: Control Desk

Accessories



Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Fixing and Composition Accessories

1



Plinths

See details p. 180

2



Fixing brackets

See details p. 183

3



Adjustment rails

See details p. 183

Door Accessories

4



Opening stay

See details p. 182

5



Key locks and shape inserts

See details p. 183

Other Accessories

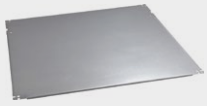
6



Modular consoles

See details p. 182

7



Mounting plates

See details p. 183

8



Technical uprights

See details p. 361

> For more information consult the Accessories section **page 180**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

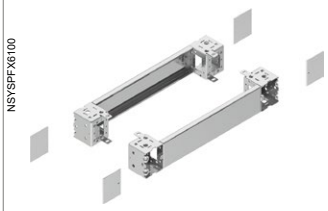
PanelSeT SD: Control Desk

Accessories

For more information, see page 400.

Front and rear plinth



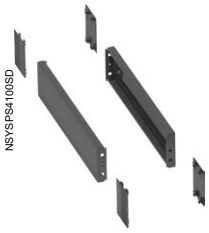


Characteristics	NSYSPF6100	NSYSPFX6100
	The front and rear of the plinth consists of 4 corners with 2 or 4 panels.	
Material	Folded sheet steel, corner with a thickness of 25 (0.98)/10[e] mm (in.)	304L stainless-steel
Finish	Painted with epoxy polyester resin	-
Color	RAL 7022 gray	-
Ingress protection rating	IP30	IP30
Mechanical protection rating	IK10	IK10
Supply	• Height 100 (3.94) mm (in.): 4 corners, 2 panels (front and rear), 4 corner covers and fixing elements • Height 200 (7.87) mm (in.): 4 corners, 4 panels (2 front and 2 rear), 4 corner covers and fixing elements • The use of 304L stainless-steel plinths on an SD control desk requires an earthing cable (description page 459) to be ordered separately.	

Control desk references	Plinths references			
Compact control desks with fixed rear panel	**100 (3.94)** mm (in.)	**200 (7.87)** mm (in.)	**100 (3.94)** mm (in.)	**200 (7.87)** mm (in.)
References	**References**	**References**	**References**	**References**
 **NSYSD6**	**NSYSPF6100**	**NSYSPF6200**	**NSYSPFX6100**	**NSYSPFX6200**
NSYSD8	**NSYSPF8100**	**NSYSPF8200**	**NSYSPFX8100**	**NSYSPFX8200**
NSYSD10	**NSYSPF10100**	**NSYSPF10200**	**NSYSPFX10100**	**NSYSPFX10200**
NSYSD12	**NSYSPF12100**	**NSYSPF12200**	**NSYSPFX12100**	**NSYSPFX12200**
Compact control desks with removable rear panel Sheet steel	**100 (3.94)** mm (in.)	**200 (7.87)** mm (in.)	**100 (3.94)** mm (in.)	**200 (7.87)** mm (in.)
 **NSYSD6R**	**NSYSPF6100**	**NSYSPF6200**	**NSYSPFX6100**	**NSYSPFX6200**
NSYSD8R	**NSYSPF8100**	**NSYSPF8200**	**NSYSPFX8100**	**NSYSPFX8200**
NSYSD10R	**NSYSPF10100**	**NSYSPF10200**	**NSYSPFX10100**	**NSYSPFX10200**
NSYSD12R	**NSYSPF12100**	**NSYSPF12200**	**NSYSPFX12100**	**NSYSPFX12200**
Control desk with console	**100 (3.94)** mm (in.)	**200 (7.87)** mm (in.)	**100 (3.94)** mm (in.)	**200 (7.87)** mm (in.)
 **NSYSDF88**	**NSYSPF8100**	**NSYSPF8200**	-	-
NSYSDF108	**NSYSPF10100**	**NSYSPF10200**	-	-
NSYSDF128	**NSYSPF12100**	**NSYSPF12200**	-	-
NSYSDF168	**NSYSPF16100**	**NSYSPF16200**	-	-
NSYSDF810	**NSYSPF8100**	**NSYSPF8200**	-	-
NSYSDF1010	**NSYSPF10100**	**NSYSPF10200**	-	-
NSYSDF1210	**NSYSPF12100**	**NSYSPF12200**	-	-
NSYSDF1610	**NSYSPF16100**	**NSYSPF16200**	-	-

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Plinth side panels





	NSYSPS4100SD	NSYSPSX5100
	They are fixed to the corner of the plinth by 2 fixing screws.	
	Folded sheet steel	304L stainless-steel
	Painted with epoxy polyester resin	-
	RAL 7022 gray	-
	IP30	IP30
	IK10	IK10

- Height 100 (3.94) mm (in.): 2 side panels, 4 corner covers and fixing elements
- Height 200 (7.87) mm (in.): 4 side panels (height of 100 (3.94) mm (in.), 2 for each side), 4 corner covers and fixing elements
- The use of 304L stainless-steel plinths on an SD control desk requires an earthing cable (description page 459) to be ordered separately.

100 (3.94) mm (in.) References	**200 (7.87)** mm (in.) References	**100 (3.94)** mm (in.) References	**200 (7.87)** mm (in.) References
NSYSPS4100SD	**NSYSPS4200SD**	**NSYSPSX5100**	**NSYSPSX5200**
NSYSPS4100SD	**NSYSPS4200SD**	**NSYSPSX5100**	**NSYSPSX5200**
NSYSPS4100SD	**NSYSPS4200SD**	**NSYSPSX5100**	**NSYSPSX5200**
NSYSPS4100SD	**NSYSPS4200SD**	**NSYSPSX5100**	**NSYSPSX5200**

100 (3.94) mm (in.)	**200 (7.87)** mm (in.)	**100 (3.94)** mm (in.)	**200 (7.87)** mm (in.)
NSYSPS5100SD	**NSYSPS5200SD**	**NSYSPSX5100**	**NSYSPSX5200**
NSYSPS5100SD	**NSYSPS5200SD**	**NSYSPSX5100**	**NSYSPSX5200**
NSYSPS5100SD	**NSYSPS5200SD**	**NSYSPSX5100**	**NSYSPSX5200**
NSYSPS5100SD	**NSYSPS5200SD**	**NSYSPSX5100**	**NSYSPSX5200**

100 (3.94) mm (in.)	**200 (7.87)** mm (in.)	**100 (3.94)** mm (in.)	**200 (7.87)** mm (in.)
NSYSPS4100SD	**NSYSPS4200SD**	-	-
NSYSPS4100SD	**NSYSPS4200SD**	-	-
NSYSPS4100SD	**NSYSPS4200SD**	-	-
NSYSPS4100SD	**NSYSPS4200SD**	-	-
NSYSPS6100SD	**NSYSPS6200SD**	-	-
NSYSPS6100SD	**NSYSPS6200SD**	-	-
NSYSPS6100SD	**NSYSPS6200SD**	-	-
NSYSPS6100SD	**NSYSPS6200SD**	-	-

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

PanelSeT SD: Control Desk

Accessories

Modular Consoles

- Hinged modular console cover equipped with a pneumatic opening stay.
- Opens to 75°. Locking of the hinged modular console cover by two 3 (0.12) mm (in.) double-bar locks (other inserts or barrels also available, to be ordered separately, see page 449).
- Screw fixed rear panel equipped with step slides in the version with a depth of 300 (11.81) mm (in.).
- Material: Welded folded steel
- Finish: Structured finish, epoxy polyester powder
- Color: RAL 7035 gray
- Thickness: 15 (0.59)/10[e] mm
- Ingress protection rating: IP55 according to IEC 60529
- Mechanical protection rating: IK10 according to IEC 62262

Options:
The link between the control desk and the modular console requires, in certain cases, the addition of one or several blanking covers (to be ordered separately).
Optional galvanized mounting plate.


NSYSDC42

Characteristics	Number of cable entry cut-outs	Width mm (in.)	Height mm (in.)	Depth mm (in.)	References
Modular consoles	2	400 (15.75)	483 (19.02)	200 (7.87)	**NSYSDC42**
Modular consoles	2	400 (15.75)	483 (19.02)	300 (11.81)	**NSYSDC43**
Modular consoles	3	600 (23.62)	483 (19.02)	200 (7.87)	**NSYSDC62**
Modular consoles	3	600 (23.62)	483 (19.02)	300 (11.81)	**NSYSDC63**

Blanking Cover

- To conceal the free space of the control desk when the width of the console or consoles is less than the width of the control desk.
- In any case, it is necessary to first remove the top plate delivered with the control desk.
- Material: Steel
- Finish: Structured finish, epoxy polyester powder
- Color: RAL 7035 gray
- Thickness: 15 (0.59)/10[e] mm
- Fixing: Fixing by screws


NSYRP2

Characteristics	Width mm (in.)	Height mm (in.)	References
Blanking cover	200 (7.87)	40 (1.57)	**NSYRP2**

Door for SD

Pneumatic opening stay

- Holds the desk lid in open position at an angle of 75°.


PB501213_42_nb

Nominal load per stay (N)	Max. load on lid kg (lbs.)	Compatibility	Control desk references			Standard supply stay
			With fixed rear panel References	With removable rear panel Sheet steel References	With console References	References
244	13	SD	**NSYSD6**	**NSYSD6R**	**NSYSDF88**	**NSYPLS24**
244	13	SD	**NSYSD8**	**NSYSD8R**	**NSYSDF810**	**NSYPLS24**
300	11	SD	-	-	**NSYSDF168**	**NSYPLS30**
300	11	SD	-	-	**NSYSDF1610**	**NSYPLS30**
300	15	SD	**NSYSD12**	**NSYSD12R**	**NSYSDF128**	**NSYPLS30**
300	15	SD	-	-	**NSYSDF1210**	**NSYPLS30**
300	17	SD	**NSYSD10**	**NSYSD10R**	**NSYSDF108**	**NSYPLS30**
300	17	SD	-	-	**NSYSDF1010**	**NSYPLS30**

Pneumatic Opening Stay

- Holds the desk lid in open position at an angle of 75°.

Supply:
Delivered with fixings


NSYPLS24

Characteristics	Nominal load per stay (N)	Max. load on lid kg (lbs.)	References
Pneumatic opening stay	244	13 (28.7)	**NSYPLS24**
Pneumatic opening stay	300	17 (37.5)	**NSYPLS30**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

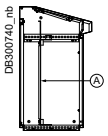
Escutcheon with Key Lock

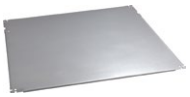

NSYML405SD

- Insert breakage torque: 15 daN.
- Material: Polyamide PA 6 material charged with 30% fiberglass
- Color: RAL 7011 gray
- Mechanical protection rating according to IEC 62262: IK10

Characteristics	References
405E key	**NSYML405SD**

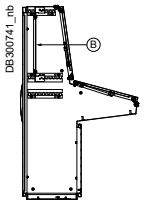
Plain Mounting Plate for Compact Control Desks




NSYPMP8560

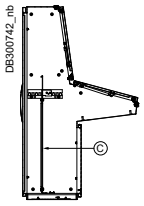
Characteristics	Width mm (in.)	Surface (dm²)	References
Mounting plate plain	600 (23.62)	42	**NSYPMP8560**
Mounting plate plain	800 (31.50)	59	**NSYPMP8580**
Mounting plate plain	1000 (39.37)	76	**NSYPMP85100**
Mounting plate plain	1200 (47.24)	93	**NSYPMP85120**

Plain Mounting Plate for Control Desk




NSYPMP4580

Characteristics	Width mm (in.)	Surface (dm²)	References
Mounting plate plain	600 (23.62)	31	**NSYPMP4580**
Mounting plate plain	800 (31.50)	40	**NSYPMP45100**
Mounting plate plain	1000 (39.37)	77	**NSYPMP45120**
Mounting plate plain	1200 (47.24)	67	**NSYPMP45160**




NSYPMP8580

Characteristics	Width mm (in.)	Surface (dm²)	References
Mounting plate plain	600 (23.62)	49	**NSYPMP8580**
Mounting plate plain	800 (31.50)	63	**NSYPMP85100**
Mounting plate plain	1000 (39.37)	77	**NSYPMP85120**
Mounting plate plain	1200 (47.24)	105	**NSYPMP85160**

Fixing Brackets


NSYMPBSD

- Set of 4 fixing brackets.
- Depth adjustment on 25 (0.98) mm (in.) pitch.
- Included as standard with desk (all versions).
- To be ordered separately when required for installation of two back-to-back mounting plates in control desks with rear access.
- Material: Galvanized steel
- Thickness: 40 (1.57)/10^{e} mm
- Maximum load: 250 kg (lbs.)

Characteristics	References
Fixing brackets	**NSYMPBSD**

Adjustment Rails and Fixing Brackets


NSYMPB4SD

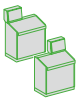
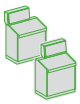
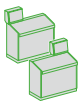
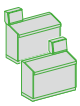
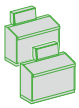
- Set of 4 rails and 4 fixing brackets.
- To install a plain mounting plate or a Telequick mounting plate, either at the top or across the height of the monobloc control desk with console.
- For positioning 2 plates (back-to-back), order fixing brackets ref. **NSYMPBSD**.

Characteristics	For control desks with console Depth mm (in.)	References
Adjustment rails and fixing brackets	400 (15.75)	**NSYMPB4SD**
Adjustment rails and fixing brackets	600 (23.62)	**NSYMPB6SD**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

PanelSeT SD: Control Desk

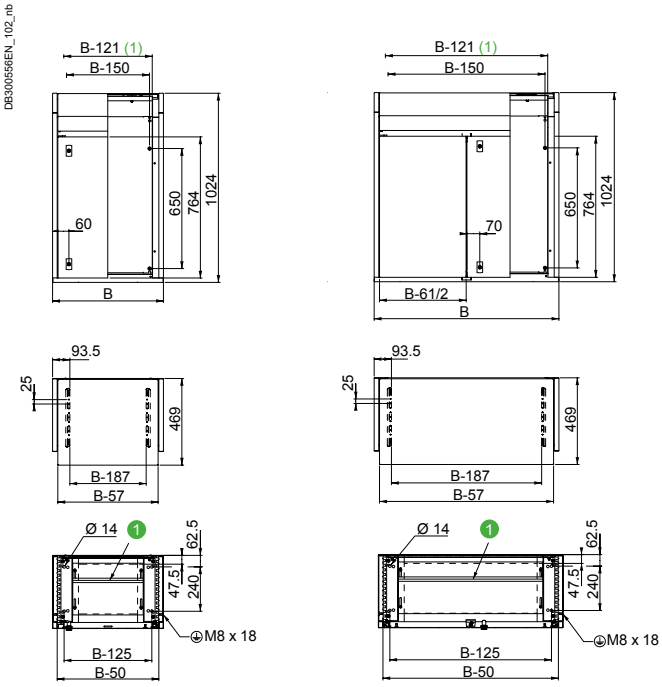
Accessories

Combination examples of modular consoles installation		Compact control desk	Modular console	Blanking cover
600 (23.62)		PanelSeT SD	PanelSeT SD	PanelSeT SD
		**NSYSD6R**	**NSYSDC42 / NSYSDC43**	**NSYRP2**
		**NSYSD6R**	**NSYSDC62 / NSYSDC63**	-
800 (31.50)		PanelSeT SD	PanelSeT SD	PanelSeT SD
		**NSYSD8R**	**NSYSDC42 / NSYSDC43**	2 x **NSYRP2**
		**NSYSD8R**	2 x **NSYSDC42** / 2 x **NSYSDC43**	-
		**NSYSD8R**	**NSYSDC62 / NSYSDC63**	**NSYRP2**
1000 (39.37)		PanelSeT SD	PanelSeT SD	PanelSeT SD
		**NSYSD10R**	**NSYSDC42 / NSYSDC43**	3 x **NSYRP2**
		**NSYSD10R**	**NSYSDC62 / NSYSDC63**	2 x **NSYRP2**
		**NSYSD10R**	**NSYSDC62 / NSYSDC63**	2 x **NSYRP2**
		**NSYSD10R**	**NSYSDC42 + NSYSDC62 / NSYSDC43 + NSYSDC63**	-
1200 (47.24)		PanelSeT SD	PanelSeT SD	PanelSeT SD
		**NSYSD12R**	**NSYSDC42 / NSYSDC43**	4 x **NSYRP2**
		**NSYSD12R**	**NSYSDC62 / NSYSDC63**	3 x **NSYRP2**
		**NSYSD12R**	**NSYSDC62 / NSYSDC63**	3 x **NSYRP2**
		**NSYSD12R**	2 x **NSYSDC62** / 2 x **NSYSDC63**	-
		**NSYSD12R**	**NSYSDC42 + NSYSDC62 / NSYSDC43 + NSYSDC63**	**NSYRP2**

ComPacT Control Desk

1 door

2 doors



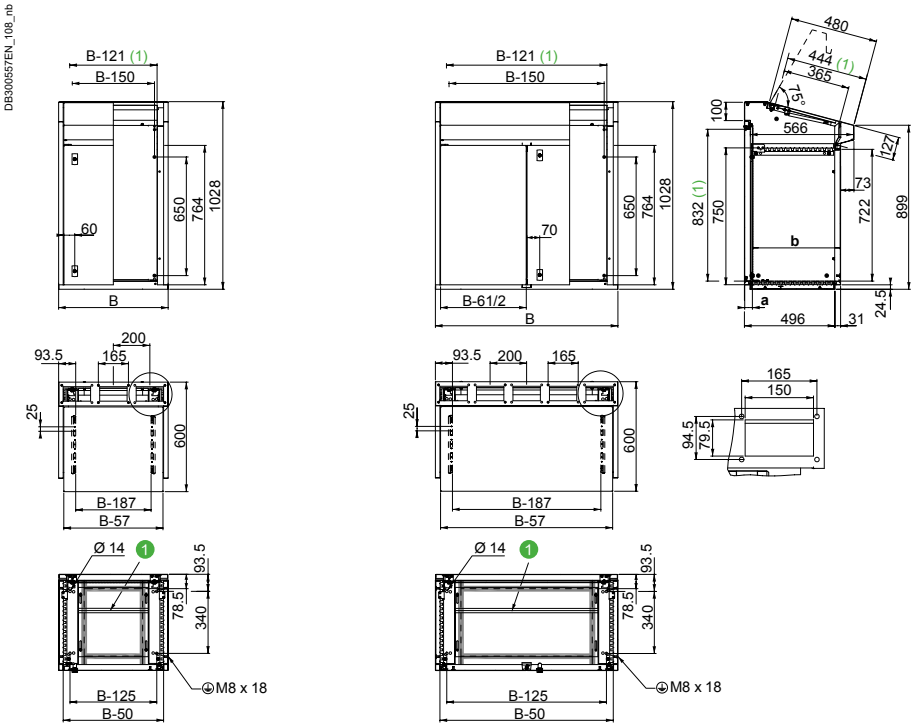
Cable gland plate clearance dimensions mm (in.)	
Width	**Maximum opening.**
B-280 (11.02)	56 (2.20)

Common side view.
(1) Usable clearance.

ComPacT Control Desks with Rear Panel

1 door

2 doors



Cable gland plate clearance dimensions mm (in.)	
Width	**Maximum opening.**
B-280 (11.02)	56 (2.20)

Adjustment of the depth of the mounting plate mm (in.)		
Depth	**Min.**	**Max.**
a	42 (1.65)	392 (15.43)
b	129 (5.08)	479 (18.86)

Common side view.
(1) Usable clearance.

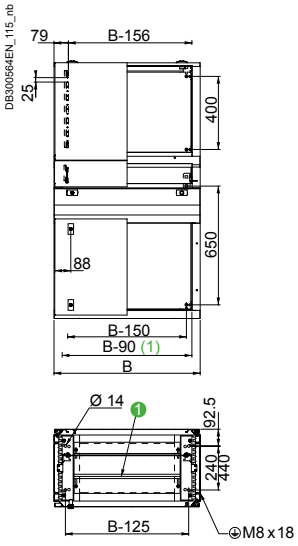
Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

PanelSeT SD: Control Desk

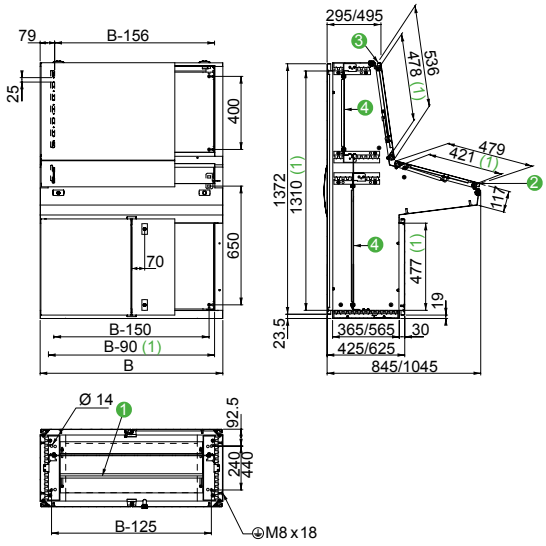
Dimensions

Control Desk with Console

1 door



2 doors

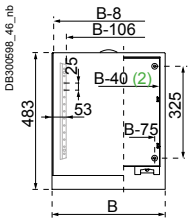


Cable gland plate clearance dimensions mm (in.)	
Width	**Maximum opening.**
B- 280 (11.02)	56 (2.20)

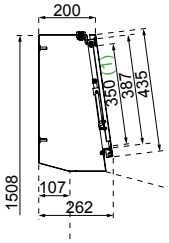
Notes	
1	1 entry cable gland plate
2	Maximum opening of the hinged desk lid: 75°
3	Maximum opening of the hinged console cover: 75°
4	Optional mounting plate installation, see page 183

Common side view.
(1) Usable clearance.

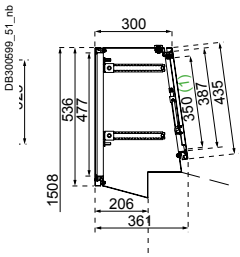
Modular Console



Depth 200 (7.87) mm (in.)



Depth 300 (11.81) mm (in.)



(1) Usable clearance.
(2) Same dimensions for the rear panel.

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

PanelSeT SD: Control Desk

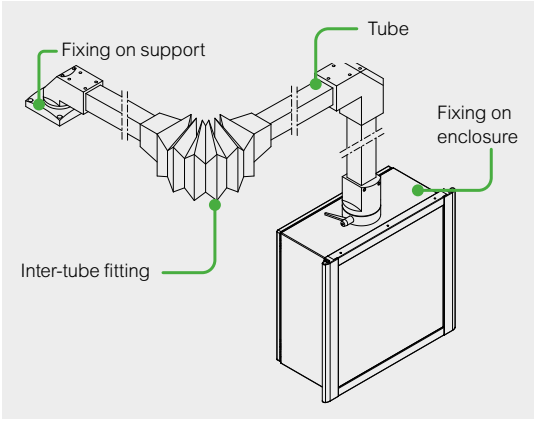
Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

PanelSeT S3CM: Control Enclosure with Suspension Rack

Introduction







The PanelSeT S3CM offer for human-machine interface combines robustness with aesthetics and ergonomics.
It consist of:

- A control enclosure,
- A keyboard-box,
- A suspension system of arms and joints, for fixed or rotating solutions, and support accessories.

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

PanelSeT S3CM: Control Enclosure with Suspension Rack

Introduction



Robustness

- Extruded steel tubes with thickness 40 (1.57)/10e mm (in.)
- Top wall reinforced by a plate with a thickness of 30 (1.18)/10e mm (in.)



Ease of Use

Easy access to the equipment by a rear door, opening to 120°
Direct installation of accessories on the enclosure frame rail:

- vertical document support
- keyboard support
- laptop computer support

A box keyboard is installed directly on the enclosure



Aesthetics

- Extruded aluminum rail frame
- Frame: RAL 7040 Window gray
- Enclosure: RAL 7035 Light gray
- Customization to your image or the aesthetics of your machine: Consult us



Flexibility

Adaptable system with diverse options of tubes and connectors



Ergonomics

Frame designed to facilitate the handling and usage of the enclosure by the operator

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

PanelSeT S3CM: Control Enclosure with Suspension Rack

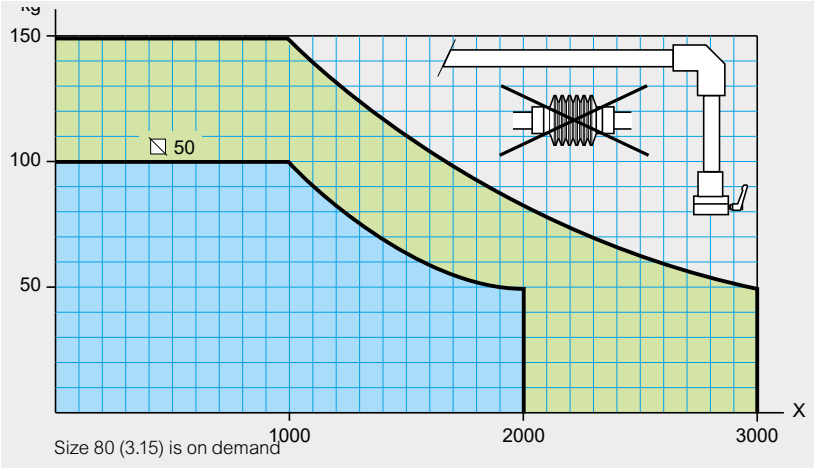
Introduction

Every model is suitable for tubes with a cross-section of 50 (1.97) mm (in.).
For cross-section of 80 (3.15) mm (in.) consult us.

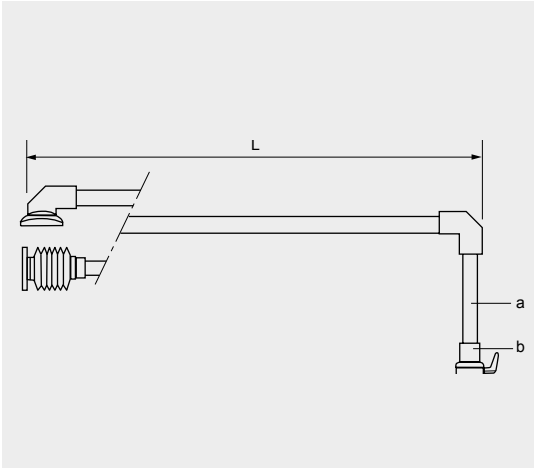
Steps to Choose the Suspension System (Medium or Heavy Loads)

1 - Define the total load of the system*: a + b + enclosure + installed equipment (Y-axis).
2 - Define the length of arm L (X-axis).
3 - Find the configuration:

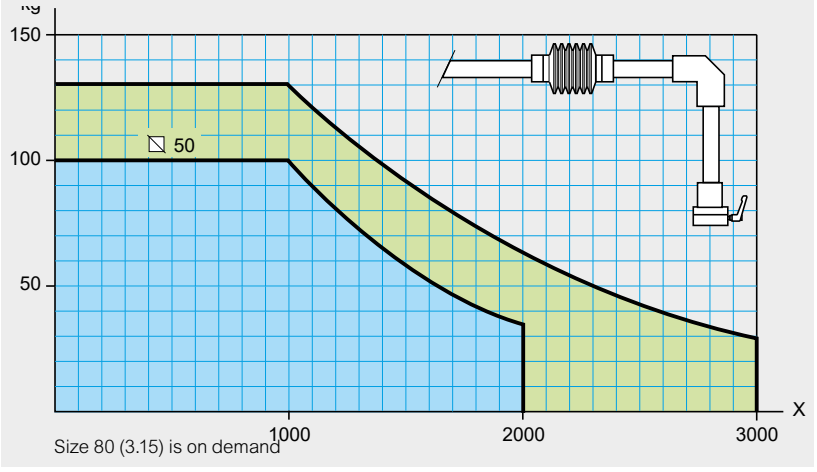
Suspension System without Intermediate Joint.



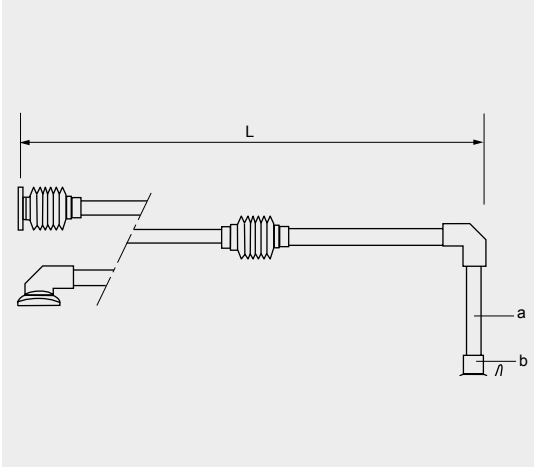
Size 80 (3.15) is on demand



Suspension System with Intermediate Joint.

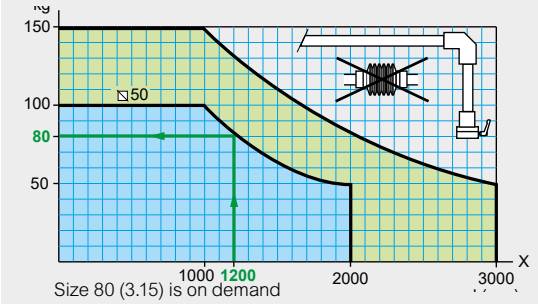


Size 80 (3.15) is on demand



* The load (a + b + enclosure + installed equipment) needs to be less than the maximum load.

Example



Size 80 (3.15) is on demand

1 - Total load =
80 (176.4) kg (lbs.).
2 - Length (L) =
1200 (47.24) mm (in.).
3 - Suspension system
without intermediate joint.

Recommended system
> Medium loads Ø 50 (1.97).

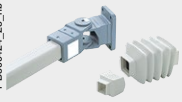
Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

PanelSeT S3CM: Control Enclosure with Suspension Rack

Selection Table

Enclosure dimensions mm (in.)				Tube section U 50 (1.97) mm (in.)
	H mm (in.)	W mm (in.)	D mm (in.)	References
 PB500421_24_nb	300 (11.81)	300 (11.81)	200 (7.87)	**NSYS3CM303020**
	300 (11.81)	400 (15.75)	200 (7.87)	**NSYS3CM304020**
	400 (15.75)	400 (15.75)	200 (7.87)	**NSYS3CM404020**
	400 (15.75)	600 (23.62)	250 (9.84)	**NSYS3CM406025***
	500 (19.68)	500 (19.68)	250 (9.84)	**NSYS3CM505025**
	600 (23.62)	600 (23.62)	200 (7.87)	**NSYS3CM606020***
	600 (23.62)	800 (31.50)	300 (11.81)	-
	800 (31.50)	600 (23.62)	300 (11.81)	-

Tube		Tube section U 50 (1.97) mm (in.)
	Length (m)	References
 PB500422_33_nb	0.5 (19.68)	**NSYCMT5005**
	1 (39.37)	**NSYCMT5010**
	1.5 (59.06)	**NSYCMT5015**
	2 (78.74)	**NSYCMT5020**

Fixing on support (steel material)		Tube section U 50 (1.97) mm (in.)
		References
 NSYCMUMR50	1 Fixed base	**NSYCMUMR50**
 PB500424_25_nb	2 Wall fixing with joint	**NSYCMUMA50**
 PB500425_30_nb	3 Rotating straight fitting	**NSYCMUMC50**

Inter-tube fitting (aluminum material)		Tube section U 50 (1.97) mm (in.)
		References
 PB500426_28_nb	4 Horizontal inter-tube joint	**NSYCMUIA50**
 PB500427_24_nb	5 Fixed bracket	**NSYCMUTC50**

Fixing on enclosure (aluminum material)		Tube section U 50 (1.97) mm (in.)
		References
 PB500428_18_nb	6 Rotating fixing on enclosure	**NSYCMUCR50**
 PB500429_28_nb	7 Rotating fixing in bracket on enclosure	**NSYCMUCC50**

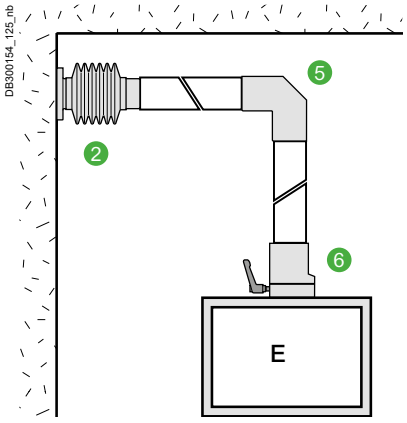
* Enclosure equipped with a cable gland plate.

4

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

PanelSeT S3CM: Control Enclosure with Suspension Rack

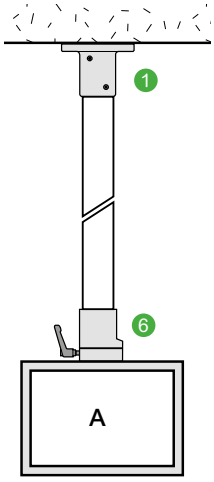
Selection Table



Fixing on support
2 See page 194

Inter-tube fitting
5 See page 195

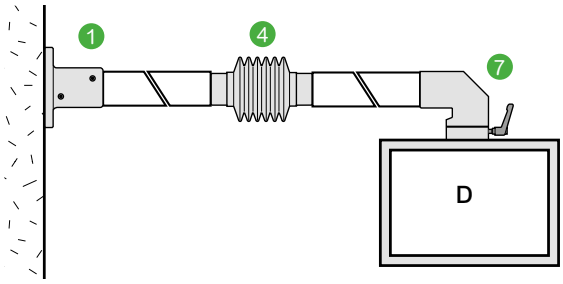
Fixing on enclosure
6 See page 195



Fixing on support
1 See page 194

Inter-tube fitting

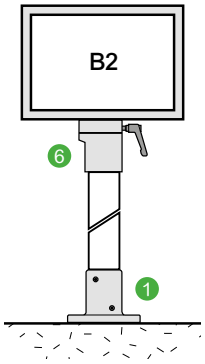
Fixing on enclosure
6 See page 195



Fixing on support
1 See page 194

Inter-tube fitting
4 See page 194

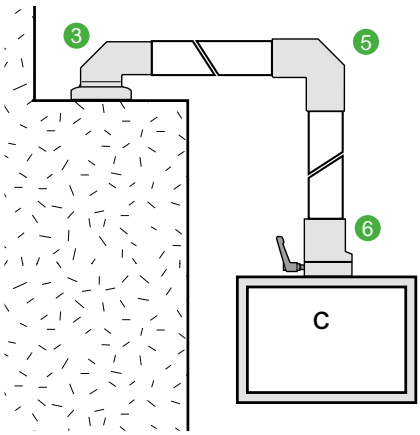
Fixing on enclosure
7 See page 195



Fixing on support
1 See page 194

Inter-tube fitting

Fixing on enclosure
6 See page 195



Fixing on support
3 See page 194

Inter-tube fitting
5 See page 195

Fixing on enclosure
6 See page 195

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

PanelSeT S3CM: Control Enclosure with Suspension Rack

Accessories

PanelSeT S3CM

The control enclosures consist of:
A steel body equipped with:
- Reinforcement plate: The top wall is reinforced by a plate (3 (0.12) mm (in.)) and pierced with a hole Ø 54 (2.13) or 87 (3.43) mm (in.) (according to the reference) to allow hanging installation of the enclosure,
- 4 welded studs on the 2 inner vertical walls, for fixing the rails,
- 2 rails (with drill holes) for installing equipment,
- A rear door, opening to 120° and closing with double-bar lock.

(1) Enclosure equipped with a cable gland plate

An aluminum front face (2.5 (0.1) mm (in.) thick):
- This surface is protected on both sides by a plastic film, allowing the installation of the dialogue elements,
- A trim frame made from 4 extruded-aluminum rails.
- Structured finish, epoxy polyester powder, RAL 7040 gray color (other colors on demand).
- The design of these rails takes into account the accessory mounting functions (lamp, document support, keyboard support, laptop support, etc.), the ergonomics for handling the enclosure and its overall aesthetics.
- Finish: Structured finish, epoxy polyester powder
- Color: RAL 7035 gray
- Ingress protection rating: IP54 according to IEC 60529
- Mechanical protection rating: IK10 according to IEC 62262
- UL (cULus) certification with rating 1, 2, 3R, 12 and 13 according to UL50E

For more details see page 196


NSYS3CM303020

Characteristics	Enclosure load kg (lbs.)	Tube section mm (in.)	Height mm (in.)	Width mm (in.)	Depth mm (in.)	References
HMI encl. PanelSeT S3CM	8.6 (18.96)	50 (1.97)	300 (11.81)	300 (11.81)	200 (7.87)	**NSYS3CM303020**
HMI encl. PanelSeT S3CM	9.5 (20.94)	50 (1.97)	300 (11.81)	400 (15.75)	200 (7.87)	**NSYS3CM304020**
HMI encl. PanelSeT S3CM	11.4 (25.13)	50 (1.97)	400 (15.75)	400 (15.75)	200 (7.87)	**NSYS3CM404020**
HMI encl. PanelSeT S3CM (1)	17.9 (39.46)	50 (1.97)	400 (15.75)	600 (23.62)	250 (9.84)	**NSYS3CM406025**
HMI encl. PanelSeT S3CM	20.2 (44.53)	50 (1.97)	500 (19.68)	500 (19.68)	250 (9.84)	**NSYS3CM505025**
HMI encl. PanelSeT S3CM (1)	26.5 (58.42)	50 (1.97)	600 (23.62)	600 (23.62)	200 (7.87)	**NSYS3CM606020**

Human-Machine Interface - Specific Accessories

Box Keyboard for Control Enclosure

- The box is installed on the control enclosures with a width of 600 (23.62) mm (in.). It then has an angle of 120° with its front face. All the accessories required for installation are delivered with 2 brackets and 1 trim rail, 1 hose for cable entry.

The box consists of:
- A steel body, structured finish, epoxy polyester powder, RAL 7035 gray color, with a screwed cover, an aluminum front face (2.5 (0.1) mm (in.) thick) for installing a keyboard,
- A trim frame made from 2 extruded-aluminum rails for ergonomic handling of the box and the aesthetics of the unit. The frame and the front face are delivered assembled. Structured finish, epoxy polyester powder painting, RAL 7040 gray color.
- Ingress protection rating: IP54
- Mechanical protection rating: IK10
- Weight: 8 (17.6) kg (lbs.)

For more details see page 197


NSYCMT2560110

Characteristics	Height mm (in.)	Width mm (in.)	References
Box-keyboard for control enclosure	250 (9.84)	600 (23.62)	**NSYCMT2560110**

Support

- Installation on the left or right rail of the frame of the control enclosure.
- Material: Sheet steel
- Finish: Structured finish, epoxy polyester powder
- Color: RAL 7035 gray
- Thickness: 15 (0.59)/10e mm (in.)

For more details see page 197


NSYCMBPT

Characteristics	References
Support for Keyboard	**NSYCMBPT**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

PanelSeT S3CM: Control Enclosure with Suspension Rack

Accessories

Tube

The tubes are available in:
- 2 sizes: Square of 50 (1.97) and 80 (3.15) mm (in.),
- 4 lengths: 0.5 (19.68) m (in.), 1 (39.37) m (in.), 1.5 (59.06) m (in.) and 2 (78.74) m (in.)
- Material: Extruded steel
- Finish: structured finish, powder
- Color: RAL 7035 gray
- Thickness: 40 (1.57)/10^{e} mm (in.)


NSYCMT5005

Characteristics	Square mm (in.)	Length (m)	Weight (kg/m)	References
Tube	50 (1.97)	0.5 (19.68)	6.5 (14.33)	**NSYCMT5005**
Tube	50 (1.97)	1 (39.37)	6.5 (14.33)	**NSYCMT5010**
Tube	50 (1.97)	1.5 (59.06)	6.5 (14.33)	**NSYCMT5015**
Tube	50 (1.97)	2 (78.74)	6.5 (14.33)	**NSYCMT5020**

Fixed Base

- Support foot for direct horizontal or vertical connection.
- Material: Molded steel
- Color: RAL 7040 gray

For more details see page 198


NSYCMUMR50

Characteristics	Square mm (in.)	Weight kg (lbs.)	References
Fixed base	50 (1.97)	3.25 (7.17)	**NSYCMUMR50**

Wall Fixing with Joint

- Device allowing rotation through 170° of a horizontal tube, with a square section of 50 (1.97) or 80 (3.15) mm (in.), and its fixing on a vertical surface.
- Protection by bellows, RAL 7035 gray color.
- Option of passing cables through the inside of the joint.
- Material: Molded steel
- Color: RAL 7040 gray

For more details see page 198



NSYCMUMA50

Characteristics	Square mm (in.)	Weight kg (lbs.)	References
Wall fixing with joint	50 (1.97)	4.35 (9.59)	**NSYCMUMA50**

Rotating Straight Fitting

- Device allowing the fixing and rotation through 295° of tubes, with a square section of 50 (1.97) or 80 (3.15) mm (in.), in horizontal position.
- Without blocking the chosen position.
- Fixing by 4 screws, not included.
- Material: Molded steel
- Color: RAL 7040 gray

For more details see page 198



NSYCMUMC50

Characteristics	Square mm (in.)	Weight kg (lbs.)	References
Rotating straight fitting	50 (1.97)	5.4 (11.90)	**NSYCMUMC50**

Horizontal Inter-Tube Joint

- Device allowing the linking and rotation through 170° of 2 horizontal tubes, with a square section of 50 (1.97) or 80 (3.15) mm (in.).
- Protection by bellows, RAL 7035 gray color.
- Option of passing cables through the inside of the joint.
- Material: Molded steel
- Color: RAL 7040 gray

For more details see page 198



NSYCMUIA50

Characteristics	Square mm (in.)	Weight kg (lbs.)	References
Horizontal inter-tube joint	50 (1.97)	4.25 (9.37)	**NSYCMUIA50**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

PanelSeT S3CM: Control Enclosure with Suspension Rack

Accessories

Fixed Bracket

- Our system of tubes and joints, fixed or rotating, enables all the solutions to respond to the installation needs of the control enclosures for human-machine dialogue.
- Device allowing the combination and fixing of a horizontal tube with a vertical tube.
- Material: Aluminum
- Color: RAL 7040 gray



NSYCMUTC50

For more details see page 199

Characteristics	Square mm (in.)	Weight kg (lbs.)	References
Fixed bracket	50 (1.97)	1.35 (2.98)	**NSYCMUTC50**

Rotating Fixing on Enclosure

- Device allowing the fixing and rotation through 300° of tubes, with a square section of 50 (1.97) or 80 (3.15) mm (in.), in vertical position.
- System for blocking in the chosen position.
- Fixing through the support surface by 4 screws.
- Material: Aluminum
- Color: RAL 7040 gray



NSYCMUCR50

For more details see page 199

Characteristics	Square mm (in.)	Weight kg (lbs.)	References
Rotating fixing on enclosure	50 (1.97)	1.25 (2.76)	**NSYCMUCR50**

Rotating Fixing in Bracket on Enclosure

- Devices allowing the fixing and rotation through 300° of tubes, with a square section of 50 (1.97) or 80 (3.15) mm (in.), in horizontal position.
- System for blocking in the chosen position.
- Fixing through the support surface by 4 screws.
- Material: Aluminum
- Color: RAL 7040 gray



NSYCMUCC50

For more details see page 199

Characteristics	Square mm (in.)	Weight kg (lbs.)	References
Rotating fixing in bracket on enclosure	50 (1.97)	2 (4.41)	**NSYCMUCC50**

Adapter for Signalling Beacon

- It is installed on fixed brackets ref. NSYCMUTC50 and NSYCMUTC80.
- Material: Aluminum.
- Finish: Structured finish, powder.
- Color: RAL 7040 gray



NSYCMACS50

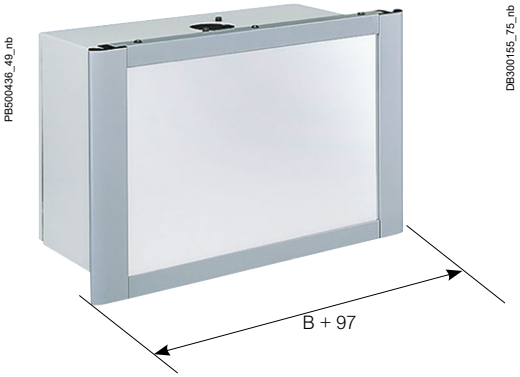
Characteristics	Square mm (in.)	Weight kg (lbs.)	References
Adapter for signalling beacon	50 (1.97)	0.025 (0.06)	**NSYCMACS50**

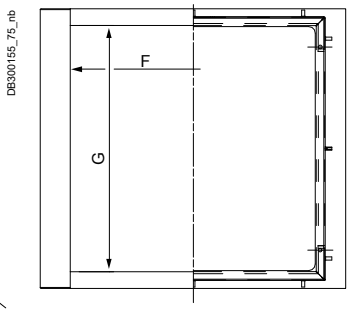
Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

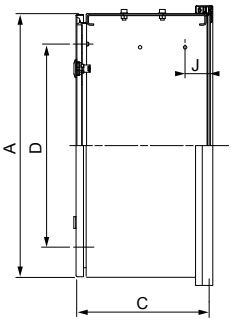
Panel**SeT** S3CM: Control Enclosure with Suspension Rack

Dimensions

HMI Enclosure Panel**SeT** S3CM







A: Height.
B: Width.
C: Depth.

W600 (23.62) enclosure + box keyboard installation

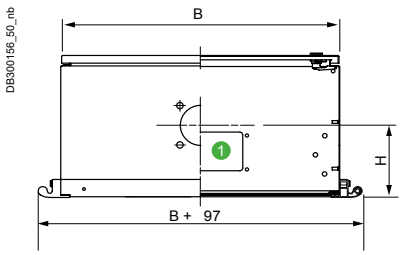


Figure 1
Enclosure depth from
200 (7.87) to 250 (9.84) mm (in.)

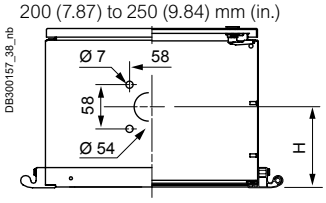
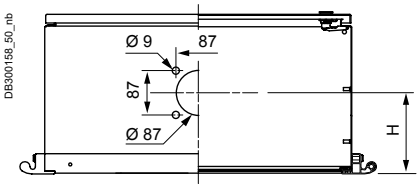


Figure 2
Enclosure depth
300 (11.81) mm (in.)



1 Cable gland plate.

Enclosure dimensions mm (in.)								Cable gland plate	Ø Top hole mm (in.)	Fig.	Enclosure References
Height mm (in.)	**Width** mm (in.)	**Depth** mm (in.)	**D**	**F**	**G**	**H**	**J**				
300 (11.81)	300 (11.81)	200 (7.87)	162 (6.38)	262 (10.32)	262 (10.32)	100 (3.94)	45 (1.77)	-	54 (2.13)	1	**NSYS3CM303020**
300 (11.81)	400 (15.75)	200 (7.87)	162 (6.38)	362 (14.25)	262 (10.32)	100 (3.94)	45 (1.77)	-	54 (2.13)	1	**NSYS3CM304020**
400 (15.75)	400 (15.75)	200 (7.87)	262 (10.32)	362 (14.25)	362 (14.25)	100 (3.94)	45 (1.77)	-	54 (2.13)	1	**NSYS3CM404020**
400 (15.75)	600 (23.62)	250 (9.84)	262 (10.32)	562 (22.13)	362 (14.25)	125 (4.92)	75 (2.95)	●	54 (2.13)	1	**NSYS3CM406025***
500 (19.68)	500 (19.68)	250 (9.84)	362 (14.25)	462 (18.19)	462 (18.19)	125 (4.92)	75 (2.95)	-	54 (2.13)	1	**NSYS3CM505025**
600 (23.62)	600 (23.62)	200 (7.87)	462 (18.19)	562 (22.13)	562 (22.13)	100 (3.94)	45 (1.77)	●	54 (2.13)	1	**NSYS3CM606020***
600 (23.62)	800 (31.50)	300 (11.81)	462 (18.19)	762 (30.00)	562 (22.13)	150 (5.91)	100 (3.94)	-	87 (3.42)	2	**NSYS3CM608030**

* Enclosure equipped with a cable gland plate.



Perforated Rails Installed on Lateral Studs.



Detail of the Reinforcement Plate.



Rear Door with Double-Bar Lock.



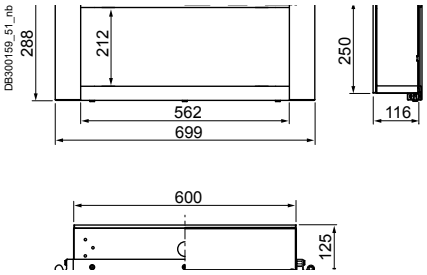
Fixing of the Trim Frame by Screws.

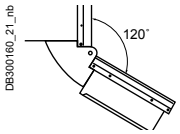
Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

PanelSeT S3CM: Control Enclosure with Suspension Rack

Dimensions

Box Keyboard for Control Enclosure

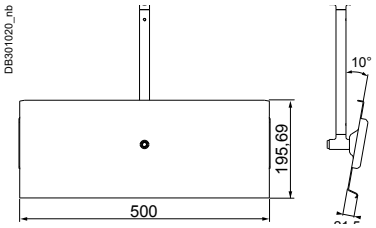




Detail from the Installation
of the Box Keyboard on the Control Enclosure.

Support

Keyboard



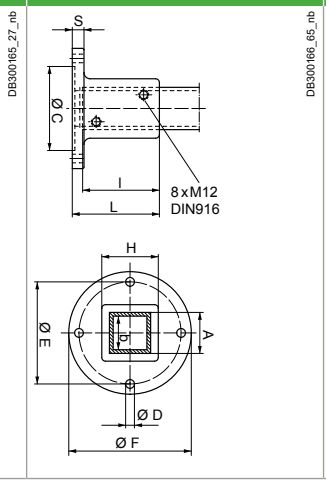
Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

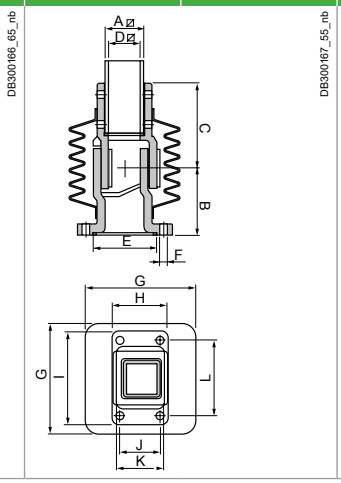
PanelSeT S3CM: Control Enclosure with Suspension Rack

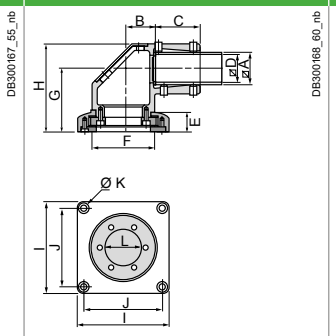
Dimensions

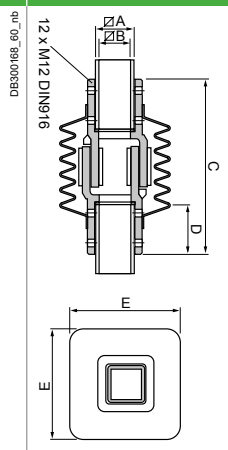
Suspension System

	Fixed base	Wall fixing with joint		Rotating straight fitting	Horizontal inter-tube joint
Weight kg (lbs.)	3.25 (7.2)	4.35 (9.6)	9.45 (20.8)	5.4 (11.9)	4.25 (9.4)
Dimensions mm (in.) ⌀ **A**	**50 (1.97)** mm (in.) **square**	**50 (1.97)** mm (in.) **square**	**80 (3.15)** mm (in.) **square**	**50 (1.97)** mm (in.) **square**	**50 (1.97)** mm (in.) **square**
B	42 (1.65)	92 (3.62)	115 (4.53)	50 (1.97)	42 (1.65)
C	105 (4.13)	118 (4.65)	160 (6.30)	68 (2.68)	236 (9.29)
D	11 (0.43)	42 (1.65)	72 (2.84)	42 (1.65)	67 (2.64)
E	125 (4.92)	85 (3.35)	130 (5.12)	30 (1.18)	148 (5.83)
F	152 (5.98)	11 (0.43)	11 (0.43)	96 (3.78)	-
G	-	148 (5.83)	190 (7.48)	96 (3.78)	-
H	72 (2.84)	80 (3.15)	115 (4.53)	134 (5.28)	-
I	97 (3.82)	130 (5.12)	175 (6.89)	140 (5.51)	-
J	-	55 (2.16)	90 (3.54)	120 (4.72)	-
K	-	68 (2.68)	103 (4.06)	9 (0.35)	-
L	110 (4.33)	105 (4.13)	150 (5.91)	55 (2.16)	-
S	15 (0.59)	-	-	-	-
References	**NSYCMUMR50**	**NSYCMUMA50**	**NSYCMUMA80**	**NSYCMUMC50**	**NSYCMUIA50**





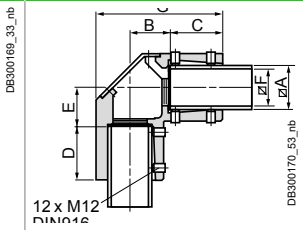
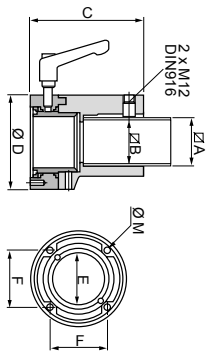
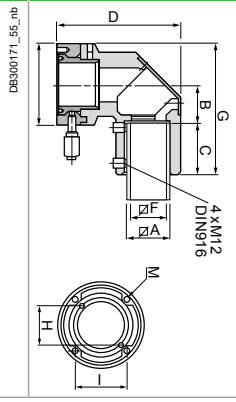




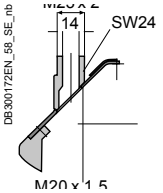
Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

PanelSeT S3CM: Control Enclosure with Suspension Rack

Suspension System

	Fixed bracket	Rotating fixing on enclosure	Rotating fixing in bracket on enclosure
Weight kg (lbs.)	1.35 (3.0)	1.25 (2.8)	2 (4.4)
Dimensions mm (in.) ⌀ **A**	**50 (1.97)** mm (in.) **square**	**50 (1.97)** mm (in.) **square**	**50 (1.97)** mm (in.) **square**
B	46 (1.81)	42 (1.65)	46 (1.81)
C	60 (2.36)	115 (4.53)	60 (2.36)
D	60 (2.36)	96 (3.78)	147 (5.79)
E	46 (1.81)	52.3 (2.06)	96 (3.78)
F	42 (1.65)	58 (2.28)	42 (1.65)
G	144 (5.67)	-	154 (6.06)
H	-	-	42 (1.65)
I	-	-	58 (2.28)
M	-	M6	M6
References	**NSYCMUTC50**	**NSYCMUCR50**	**NSYCMUCC50**
			

Adapter for Signalling Beacon



4

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Specific Applications

Network and Server

Panel**SeT** SFN IT: Floor-Standing Enclosures for IT

PB503964



Panel**SeT** S3D: Wall-Mounted Enclosures for IT

NSYS3D4620



Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Panel**SeT** S3D: Wall-Mounted Enclosures for IT

Introduction	**202**
Characteristics	**204**
Accessories	**205**

Panel**SeT** SFN IT: Floor-Standing Enclosures for IT

Introduction	**202**
Selection Table	**206**
Accessories	**208**
Dimensions	**219**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

PanelSeT S3D-SFN IT

Introduction



Industrial businesses need adaptable IT solutions that evolve with their needs. A dynamic industrial environment requires versatile, future-proof systems that drive operational efficiency and innovation.

Our approach centers on flexible modular systems that are meticulously designed to be tailored to the specific requirements of each customer. Offering customizable configurations, seamless scalability, and integration possibilities, our solutions effortlessly adapt to evolving technological and operational demands.

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.



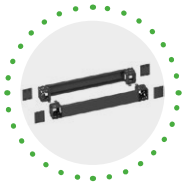
Robust
- Secure housing for IT infrastructure
- Sturdy with NEMA Type 3R protection (except for enclosure with ventilated door)
- Durable and reliable



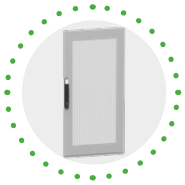
Flexible
- Modular system based on SFN enclosure in kit and rack accessories
- Configurable to adapt it to specific requirements



Lower Impact Approach
- CO_2 footprint reduction using low-carbon steel
- Recycled cardboard packaging



Efficient
- Simplified design for an optimized mounting
- User friendly mounting and intuitive design
- Streamline operations and enhance productivity



Cooling
- Effective thermal management to maintain optimal operating temperatures, to preserve longevity and performance of the IT equipment
- Wide range of cooling options

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

PanelSeT S3D: Wall-Mounted Enclosures for IT

Characteristics

PanelSeT S3D Empty Enclosure

- Single-piece body (cross-shaped structure). Gutter-shaped front profile with double fold. Flat rear.
- Cable gland plate with marking for easy drilling and to help guarantee the maximum access surface; delivered with the enclosure. This plate is flush with the body of the enclosure.
- Glazed door, 4 (0.16) mm (in.) thick Securit® glass, easily removable and reversible, with 20 (0.79) mm (in.) return with double thickness granting excellent rigidity, opening to 120°, equipped with 2 or 3 invisible hinges (From the height of 800 (31.50) mm (in.)).
- Material: Steel.
- Finish: dtructured finish, epoxy polyester powder.
- Color: RAL 7035 gray.
- Ingress protection rating: NEMA Type 1/2/3/3R/4/4X/5/12/13.
- Mechanical protection rating: IK10 for the plain-door enclosures according to IEC 62262, IK08 for the glazed-door enclosures.
- Maximum load: 50 kg/m².
- Fixing: direct wall-mounted or with the help of fixing lugs installed from the outside (to be ordered separately, see page 393).
- Other characteristics: for heights from 600 (23.62) mm (in.), three locking points with linkage, with a single control point. Simple reversal.

Delivery includes a handle with two functions:

- Operating key.
- Tool for loosening the stud protection caps.

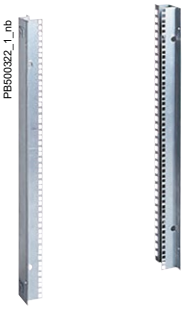
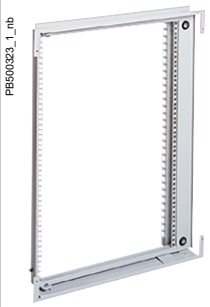
This handle can be solidly attached to the locking system by means of a captive element.

Perforated rails on the door, with drill holes with a diameter of 4.2 mm (in.) in steps of 25 (0.98) mm (in.):

- 2 vertical rails from the height of 400 (15.75) mm (in.) and from the width of 800 (31.50) mm (in.).

Note:
Door opening to 180° with optional hinges (page 450)

Supply:
Wall-mounted enclosure supplied with 3 (0.12) mm (in.) double-bar lock as standard

Glazed Door	Plain Door	Fixed Rack	Swing Rack
			

Dimensions mm (in.)			References			
Height	Width	Depth				
400 (15.75)	600 (23.62)	200 (7.87)	**NSYS3D4620T**	**NSYS3D4620**	**NSYVDM8UF**	**NSYVDM7UP**
400 (15.75)	600 (23.62)	250 (9.84)	**NSYS3D4625T**	**NSYS3D4625**	**NSYVDM8UF**	**NSYVDM7UP**
600 (23.62)	600 (23.62)	200 (7.87)	**NSYS3D6620T**	**NSYS3D6620**	**NSYVDM12UF**	**NSYVDM11UP**
600 (23.62)	600 (23.62)	250 (9.84)	**NSYS3D6625T**	**NSYS3D6625**	**NSYVDM12UF**	**NSYVDM11UP**
600 (23.62)	600 (23.62)	300 (11.81)	**NSYS3D6630T**	**NSYS3D6630**	**NSYVDM12UF**	**NSYVDM11UP**
600 (23.62)	600 (23.62)	400 (15.75)	**NSYS3D6640T**	**NSYS3D6640**	**NSYVDM12UF**	**NSYVDM11UP**
800 (31.50)	600 (23.62)	200 (7.87)	**NSYS3D8620T**	**NSYS3D8620**	**NSYVDM17UF**	**NSYVDM16UP**
800 (31.50)	600 (23.62)	250 (9.84)	**NSYS3D8625T**	**NSYS3D8625**	**NSYVDM17UF**	**NSYVDM16UP**
800 (31.50)	600 (23.62)	300 (11.81)	**NSYS3D8630T**	**NSYS3D8630**	**NSYVDM17UF**	**NSYVDM16UP**
800 (31.50)	600 (23.62)	400 (15.75)	**NSYS3D8640T**	**NSYS3D8640**	**NSYVDM17UF**	**NSYVDM16UP**
1000 (39.37)	600 (23.62)	250 (9.84)	**NSYS3D10625T**	**NSYS3D10625**	**NSYVDM21UF**	**NSYVDM20UP**
1000 (39.37)	600 (23.62)	300 (11.81)	**NSYS3D10630T**	**NSYS3D10630**	**NSYVDM21UF**	**NSYVDM20UP**
1000 (39.37)	600 (23.62)	400 (15.75)	**NSYS3D10640T**	**NSYS3D10640**	**NSYVDM21UF**	**NSYVDM20UP**
1000 (39.37)	800 (31.50)	250 (9.84)	**NSYS3D10825T**	**NSYS3D10825**	-	**NSYVDM20U8P**
1000 (39.37)	800 (31.50)	300 (11.81)	**NSYS3D10830T**	**NSYS3D10830**	-	**NSYVDM20U8P**
1000 (39.37)	800 (31.50)	400 (15.75)	**NSYS3D10840T**	**NSYS3D10840**	-	**NSYVDM20U8P**
1200 (47.24)	800 (31.50)	300 (11.81)	**NSYS3D12830T**	**NSYS3D12830**	-	**NSYVDM25U8P**
1200 (47.24)	800 (31.50)	400 (15.75)	**NSYS3D12840T**	**NSYS3D12840**	-	**NSYVDM25U8P**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

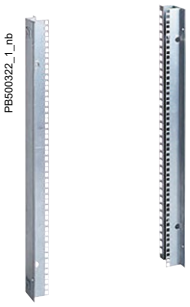
PanelSeT S3D: Wall-Mounted Enclosures for IT

Accessories

PanelSeT S3D Fixed Rack (racks to be ordered separately)

- 19" fixed chassis composed by 2 19" uprights with fixing hardware.
- Thickness: 20 (0.79)/10e mm (in.).
- Material: Galvanized steel
- Maximum load: 3 (6.6) kg (lbs.) per unit

Note:
Adjustable in depth by fixing on the step slides in accessories (see page 382).

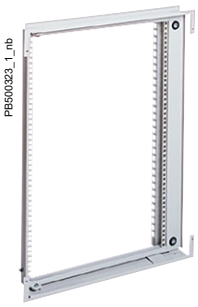


NSYVDM8UF

Characteristics	Number of U	Height mm (in.)	Width mm (in.)	References
Fixed rack	8	400 (15.75)	600 (23.62)	**NSYVDM8UF**
Fixed rack	12	600 (23.62)	600 (23.62)	**NSYVDM12UF**
Fixed rack	17	800 (31.50)	600 (23.62)	**NSYVDM17UF**
Fixed rack	21	1000 (39.37)	600 (23.62)	**NSYVDM21UF**

PanelSeT S3D Swing Rack (racks to be ordered separately)

- 19" swing chassis opening to 120° with locking system by 3 (0.12) mm (in.) double-bar insert.
- Material: Steel
- Finish: Epoxy polyester powder
- Color: RAL 7035 gray
- Maximum load: 3 (6.6) kg (lbs.) per unit



NSYVDM11UP

Characteristics	Number of U	Height mm (in.)	Width mm (in.)	References
Swing rack	11	600 (23.62)	600 (23.62)	**NSYVDM11UP**
Swing rack	16	800 (31.50)	600 (23.62)	**NSYVDM16UP**
Swing rack	20	1000 (39.37)	600 (23.62)	**NSYVDM20UP**
Swing rack	25	1200 (47.24)	800 (31.50)	**NSYVDM25U8P**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

PanelSeT SFN IT: Floor-Standing Enclosures for IT

Selection Table

All the parts you need to build your Industrial IT enclosure in 4 simple steps:

Choose:

1 Dimensions ····· 2 Front & back ·····

			Structure		Side panels	Doors			Back panel	Cable entry plates
			NSYSFNV12	 NSYSFNC64	 NSYEC35	 NSY2SFN128	 NSYSFND128T	 NSYPCVDN126	 NSYBPN126	 NSY2SPN124
Dimensions mm (in.)										
Height	**Width**	**Depth**	**Uprights**	**Frames+roof**	**Side panels**	**Plain**	**Transparent**	**Ventilated**	**Back panel**	**plain**
1200 (47.24)	600 (23.62)	600 (23.62)	**NSYSFNV12**	**NSYSFNC66**	**NSY2SPN126**	**NSYSFND126**	**NSYSFND126T**	**NSYPCVDN126**	**NSYBPN126**	**NSYEC66**
	600 (23.62)	800 (31.50)	**NSYSFNV12**	**NSYSFNC68**	**NSY2SPN128**	**NSYSFND126**	**NSYSFND126T**	**NSYPCVDN126**	**NSYBPN126**	**NSYEC68**
	800 (31.50)	600 (23.62)	**NSYSFNV12**	**NSYSFNC86**	**NSY2SPN126**	**NSYSFND128**	**NSYSFND128T**	**NSYPCVDN128**	**NSYBPN128**	**NSYEC86**
	800 (31.50)	800 (31.50)	**NSYSFNV12**	**NSYSFNC88**	**NSY2SPN128**	**NSYSFND128**	**NSYSFND128T**	**NSYPCVDN128**	**NSYBPN128**	**NSYEC88**
1400 (55.12)	600 (23.62)	600 (23.62)	**NSYSFNV14**	**NSYSFNC66**	**NSY2SPN146**	**NSYSFND146**	**NSYSFND146T**	-	**NSYBPN146**	**NSYEC66**
	600 (23.62)	800 (31.50)	**NSYSFNV14**	**NSYSFNC68**	**NSY2SPN148**	**NSYSFND146**	**NSYSFND146T**	-	**NSYBPN146**	**NSYEC68**
	800 (31.50)	600 (23.62)	**NSYSFNV14**	**NSYSFNC86**	**NSY2SPN146**	**NSYSFND148**	**NSYSFND148T**	-	**NSYBPN148**	**NSYEC86**
	800 (31.50)	800 (31.50)	**NSYSFNV14**	**NSYSFNC88**	**NSY2SPN148**	**NSYSFND148**	**NSYSFND148T**	-	**NSYBPN148**	**NSYEC88**
1600 (62.99)	600 (23.62)	600 (23.62)	**NSYSFNV16**	**NSYSFNC66**	**NSY2SPN166**	**NSYSFND166**	**NSYSFND166T**	-	**NSYBPN166**	**NSYEC66**
	600 (23.62)	800 (31.50)	**NSYSFNV16**	**NSYSFNC68**	**NSY2SPN168**	**NSYSFND166**	**NSYSFND166T**	-	**NSYBPN166**	**NSYEC68**
	800 (31.50)	600 (23.62)	**NSYSFNV16**	**NSYSFNC86**	**NSY2SPN166**	**NSYSFND168**	**NSYSFND168T**	-	**NSYBPN168**	**NSYEC86**
	800 (31.50)	800 (31.50)	**NSYSFNV16**	**NSYSFNC88**	**NSY2SPN168**	**NSYSFND168**	**NSYSFND168T**	-	**NSYBPN168**	**NSYEC88**
1800 (70.87)	600 (23.62)	600 (23.62)	**NSYSFNV18**	**NSYSFNC66**	**NSY2SPN186**	**NSYSFND186**	**NSYSFND186T**	-	**NSYBPN186**	**NSYEC66**
	600 (23.62)	800 (31.50)	**NSYSFNV18**	**NSYSFNC68**	**NSY2SPN188**	**NSYSFND186**	**NSYSFND186T**	-	**NSYBPN186**	**NSYEC68**
	800 (31.50)	600 (23.62)	**NSYSFNV18**	**NSYSFNC86**	**NSY2SPN186**	**NSYSFND188**	**NSYSFND188T**	**NSYPCVDN188**	**NSYBPN188**	**NSYEC86**
	800 (31.50)	800 (31.50)	**NSYSFNV18**	**NSYSFNC88**	**NSY2SPN188**	**NSYSFND188**	**NSYSFND188T**	**NSYPCVDN188**	**NSYBPN188**	**NSYEC88**
2000 (78.74)	600 (23.62)	600 (23.62)	**NSYSFNV20**	**NSYSFNC66**	**NSY2SPN206**	**NSYSFND206**	**NSYSFND206T**	**NSYPCVDN206**	**NSYBPN206**	**NSYEC66**
	600 (23.62)	800 (31.50)	**NSYSFNV20**	**NSYSFNC68**	**NSY2SPN208**	**NSYSFND206**	**NSYSFND206T**	**NSYPCVDN206**	**NSYBPN206**	**NSYEC68**
	600 (23.62)	1000 (39.37)	**NSYSFNV20**	**NSYSFNC610**	**NSY2SPN2010**	**NSYSFND206**	**NSYSFND206T**	**NSYPCVDN206**	**NSYBPN206**	**NSYEC610**
	800 (31.50)	600 (23.62)	**NSYSFNV20**	**NSYSFNC86**	**NSY2SPN206**	**NSYSFND208**	**NSYSFND208T**	**NSYPCVDN208**	**NSYBPN228**	**NSYEC86**
	800 (31.50)	800 (31.50)	**NSYSFNV20**	**NSYSFNC88**	**NSY2SPN208**	**NSYSFND208**	**NSYSFND208T**	**NSYPCVDN208**	**NSYBPN228**	**NSYEC88**
	800 (31.50)	1000 (39.37)	**NSYSFNV20**	**NSYSFNC810**	**NSY2SPN2010**	**NSYSFND208**	**NSYSFND208T**	**NSYPCVDN208**	**NSYBPN228**	**NSYEC810**
2200 (86.61)	600 (23.62)	600 (23.62)	**NSYSFNV22**	**NSYSFNC66**	**NSY2SPN226**	**NSYSFND226**	**NSYSFND226T**	**NSYPCVDN226**	**NSYBPN226**	**NSYEC66**
	600 (23.62)	800 (31.50)	**NSYSFNV22**	**NSYSFNC68**	**NSY2SPN228**	**NSYSFND226**	**NSYSFND226T**	**NSYPCVDN226**	**NSYBPN226**	**NSYEC68**
	600 (23.62)	1000 (39.37)	**NSYSFNV22**	**NSYSFNC610**	**NSY2SPN2210**	**NSYSFND226**	**NSYSFND226T**	**NSYPCVDN226**	**NSYBPN226**	**NSYEC610**
	800 (31.50)	600 (23.62)	**NSYSFNV22**	**NSYSFNC86**	**NSY2SPN226**	**NSYSFND228**	**NSYSFND228T**	**NSYPCVDN228**	**NSYBPN228**	**NSYEC86**
	800 (31.50)	800 (31.50)	**NSYSFNV22**	**NSYSFNC88**	**NSY2SPN228**	**NSYSFND228**	**NSYSFND228T**	**NSYPCVDN228**	**NSYBPN228**	**NSYEC88**
	800 (31.50)	1000 (39.37)	**NSYSFNV22**	**NSYSFNC810**	**NSY2SPN2210**	**NSYSFND228**	**NSYSFND228T**	**NSYPCVDN228**	**NSYBPN228**	**NSYEC810**
Details			-		see page 387	see page 440		see page 210	see page 68	see page 431

SELECT IT!
Use our Product Selector to order the necessary parts:
https://www.se.com/ww/en/product-range/5778

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

PanelSeT SFN IT: Floor-Standing Enclosures for IT

Selection Table

	Cable entry plates		Plinths (H 100 (3.94) mm (in.))		Plinths (H 200 (7.87) mm (in.))		19" fixed rack			19" swing rack	
	 NSYEC351	 NSYEC662	 NSYSPF6100	 NSYSPS6100	 NSYSPF6200	 NSYSPS6200	 NSYRCK24	 NSYRCKS6	 NSYRC12	 NSYRSW636	 NSYRSW36
	1-entry	2-entry	Front/rear	Sides	Front/rear	Sides	Rack	Support	Side covers	Centered	Off-center
	NSYEC661	NSYEC662	NSYSPF6100	NSYSPS6100	NSYSPF6200	NSYSPS6200	NSYRCK24	-	-	-	-
	NSYEC681	NSYEC682	NSYSPF6100	NSYSPS8100	NSYSPF6200	NSYSPS8200	NSYRCK24	-	-	-	-
	NSYEC861	NSYEC862	NSYSPF8100	NSYSPS6100	NSYSPF8200	NSYSPS6200	NSYRCK24(1)	NSYRCKS6	NSYRC12	-	-
	NSYEC881	NSYEC882	NSYSPF8100	NSYSPS8100	NSYSPF8200	NSYSPS8200	NSYRCK24(1)	NSYRCKS8	NSYRC12	-	-
	NSYEC661	NSYEC662	NSYSPF6100	NSYSPS6100	NSYSPF6200	NSYSPS6200	NSYRCK29	-	-	-	-
	NSYEC681	NSYEC682	NSYSPF6100	NSYSPS8100	NSYSPF6200	NSYSPS8200	NSYRCK29	-	-	-	-
	NSYEC861	NSYEC862	NSYSPF8100	NSYSPS6100	NSYSPF8200	NSYSPS6200	NSYRCK29(1)	NSYRCKS6	NSYRC14	-	NSYRSW27
	NSYEC881	NSYEC882	NSYSPF8100	NSYSPS8100	NSYSPF8200	NSYSPS8200	NSYRCK29(1)	NSYRCKS8	NSYRC14	-	NSYRSW27
	NSYEC661	NSYEC662	NSYSPF6100	NSYSPS6100	NSYSPF6200	NSYSPS6200	NSYRCK33	-	-	-	-
	NSYEC681	NSYEC682	NSYSPF6100	NSYSPS8100	NSYSPF6200	NSYSPS8200	NSYRCK33	-	-	-	-
	NSYEC861	NSYEC862	NSYSPF8100	NSYSPS6100	NSYSPF8200	NSYSPS6200	NSYRCK33(1)	NSYRCKS6	NSYRC16	-	NSYRSW31
	NSYEC881	NSYEC882	NSYSPF8100	NSYSPS8100	NSYSPF8200	NSYSPS8200	NSYRCK33(1)	NSYRCKS8	NSYRC16	-	NSYRSW31
	NSYEC661	NSYEC662	NSYSPF6100	NSYSPS6100	NSYSPF6200	NSYSPS6200	NSYRCK38	-	-	NSYRSW636	-
	NSYEC681	NSYEC682	NSYSPF6100	NSYSPS8100	NSYSPF6200	NSYSPS8200	NSYRCK38	-	-	NSYRSW636	-
	NSYEC861	NSYEC862	NSYSPF8100	NSYSPS6100	NSYSPF8200	NSYSPS6200	NSYRCK38(1)	NSYRCKS6	NSYRC18	NSYRSWC36	NSYRSW36
	NSYEC881	NSYEC882	NSYSPF8100	NSYSPS8100	NSYSPF8200	NSYSPS8200	NSYRCK38(1)	NSYRCKS8	NSYRC18	NSYRSWC36	NSYRSW36
	NSYEC661	NSYEC662	NSYSPF6100	NSYSPS6100	NSYSPF6200	NSYSPS6200	NSYRCK42	-	-	NSYRSW640	-
	NSYEC681	NSYEC682	NSYSPF6100	NSYSPS8100	NSYSPF6200	NSYSPS8200	NSYRCK42	-	-	NSYRSW640	-
	NSYEC6101	NSYEC6102	NSYSPS6100(2)	NSYSPF10100(2)	NSYSPS6200(2)	NSYSPF10200(2)	NSYRCK42	-	-	NSYRSW640	-
	NSYEC861	NSYEC862	NSYSPF8100	NSYSPS6100	NSYSPF8200	NSYSPS6200	NSYRCK42(1)	NSYRCKS6	NSYRC20	NSYRSWC40	NSYRSW40
	NSYEC881	NSYEC882	NSYSPF8100	NSYSPS8100	NSYSPF8200	NSYSPS8200	NSYRCK42(1)	NSYRCKS8	NSYRC20	NSYRSWC40	NSYRSW40
	NSYEC8101	NSYEC8102	NSYSPS8100(2)	NSYSPF10100(2)	NSYSPS8200(2)	NSYSPF10200(2)	NSYRCK42(1)	NSYRCKS10	NSYRC20	NSYRSWC40	NSYRSW40
	NSYEC661	NSYEC662	NSYSPF6100	NSYSPS6100	NSYSPF6200	NSYSPS6200	NSYRCK47	-	-	NSYRSW645	-
	NSYEC681	NSYEC682	NSYSPF6100	NSYSPS8100	NSYSPF6200	NSYSPS8200	NSYRCK47	-	-	NSYRSW645	-
	NSYEC6101	NSYEC6102	NSYSPS6100(2)	NSYSPF10100(2)	NSYSPS6200(2)	NSYSPF10200(2)	NSYRCK47	-	-	NSYRSW645	-
	NSYEC861	NSYEC862	NSYSPF8100	NSYSPS6100	NSYSPF8200	NSYSPS6200	NSYRCK47(1)	NSYRCKS6	NSYRC22	NSYRSWC45	NSYRSW45
	NSYEC881	NSYEC882	NSYSPF8100	NSYSPS8100	NSYSPF8200	NSYSPS8200	NSYRCK47(1)	NSYRCKS8	NSYRC22	NSYRSWC45	NSYRSW45
	NSYEC8101	NSYEC8102	NSYSPS8100(2)	NSYSPF10100(2)	NSYSPS8200(2)	NSYSPF10200(2)	NSYRCK47(1)	NSYRCKS10	NSYRC22	NSYRSWC45	NSYRSW45
	see page 432		see page 402				see page 212	see page 213	see page 213	see page 215	see page 215

(1) Support brackets for coupling the fixed rack to enclosures of width 800 (31.50) mm (in.) (NSYRCK•, see **page 212**), possible to reinforce the rigidity by central fixing kit (NSYRCK19KIT, see **page 213**).

(2) For depth 1000 (39.37) mm (in.), select plinth with corners (NSYSPF•) for sides and plinth without corners (NSYSPS•) for front/rear.

CONFIGURE IT!

Try our Custom Enclosure Configurator for fully assembled and personalized solution:

https://custom-enclosures.se.com

Request it mounted with our customization services (on demand)

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

PanelSeT SFN IT: Floor-Standing Enclosures for IT

Accessories



Mounting and Composition Accessories

1 Plinths

See details p. 402

2 19'' fixed rakcs and related accessories

See details p. 212

3 Swing racks and related accessories

See details p. 215

4 1 U / 3 U Support

See details p. 217

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Cable Accessories

4



Cable gland plate: Plain, 1 entry, 2 entries

See details p. 431

5



Actassi gland plates and related accessories

See details p. 211

6



Fixing of cable ducts

See details p. 217

7



Rear cable guide support

See details p. 217

Other Accessories

8



Actassi roof plates and related accessories

See details p. 210

9



Hinges

See details p. 216

10



Partial single slides

See details p. 217

11



Mechanical and pneumatic retainer

See details p. 218

12



Switch

See details p. 218

13



Fixings

See details p. 218

14



Flat escutcheon for swing rack

See details p. 218

> For more information consult the Accessories chapter **page 210** and **342**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

PanelSeT SFN IT: Floor-Standing Enclosures for IT

Accessories

Single Ventilated Door for 19" Racks

- Door designed to achieve natural airing of the enclosure.
- Installation on enclosures with a width of 600 (23.62) and 800 (31.50) mm (in.), equipped with centered fixed or swing racks. Opening of 120°.
- Standard locking system with handle and 5 (0.2) mm (in.) double-bar insert.
- Material: Steel
- Finish: Structured finish, epoxy polyester powder
- Color: RAL 7035 gray

Supply:
1 ventilated door for racks


NSYPCVDN126

Characteristics	Height mm (in.)	Width mm (in.)	References
Single ventilated door	1200 (47.24)	600 (23.62)	**NSYPCVDN126**
Single ventilated door	1200 (47.24)	800 (31.50)	**NSYPCVDN128**
Single ventilated door	1800 (70.87)	800 (31.50)	**NSYPCVDN188**
Single ventilated door	2000 (78.74)	600 (23.62)	**NSYPCVDN206**
Single ventilated door	2000 (78.74)	800 (31.50)	**NSYPCVDN208**
Single ventilated door	2200 (86.61)	600 (23.62)	**NSYPCVDN226**
Single ventilated door	2200 (86.61)	800 (31.50)	**NSYPCVDN228**

4

Actassi Plain Plate for Roof

- Removable plate made from folded sheet steel
- Option of installing roof elevators for aeration, ref. **NSYEX206**, and cable glands
- Material: Steel
- Finish: Structured finish, epoxy polyester powder
- Color: RAL 7035 gray

Supply:
1 plain plate and fixing elements

NSYTSPC450

Characteristics	References
Actassi plain plate for roof	**NSYTSPC450**

Actassi Plate with Brush Gasket for Roof

- Removable folded sheet steel plate, equipped with a gasket with cable gland brush
- Optional installation of roof elevators for aeration, ref. **NSYEX206**, and cable gland plates
- Material: Steel
- Finish: Structured finish, epoxy polyester powder
- Color: RAL 7035 gray

Supply:
1 plate with brush gasket and fixing elements


NSYTSP450

Characteristics	References
Actassi plate with brush gasket for roof	**NSYTSP450**

Roof Plate Elevators for Aeration

- Columns with a height of 20 (0.79) mm (in.).
- Fixing: Between the roofplate and the roof.

Supply:
100 units. Reference by unit.
Order by multiples of 100 (100, 200, 300…).


NSYEX206

Characteristics	References
Roof plate elevators for aeration	**NSYEX206**

Actassi Ventilated Support with Filter

- Fixing: To be mounted on the cable gland plate with or without fan or on the self-ventilated cable gland plate.
- Color: RAL 9011

Supply:
1 mounting support and filter


NSYFECVT440

Characteristics	References
Actassi ventilated support with filter	**NSYFECVT440**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Actassi Plain Cable Gland Plate

- Material: Galvanized steel
- Fixing: Fixing on the outside of the roof and bottom support plate
  Can be combined with other types of cable gland plates

Supply:
1 plain cable gland plate and fixing elements



NSYEC440

Characteristics	References
Actassi plain cable gland plate	**NSYEC440**

Actassi Cable Gland Plate with Brush

- Material: Galvanized steel
- Fixing: Fixing on the outside of the roof and bottom support plate
  Can be combined with other types of cable gland plates

Supply:
1 cable gland plate with brush and fixing elements



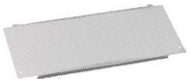
NSYECP440

Characteristics	References
Actassi cable gland plate with brush	**NSYECP440**

Actassi Self-Ventilated Cable Gland Plate

- Material: Galvanized steel
- Fixing: Fixing on the outside of the roof and bottom support plate
  Can be combined with other types of cable gland plates

Supply:
1 self-ventilated cable gland plate and fixing elements



NSYECAV440

Characteristics	References
Actassi self-ventilated cable gland plate	**NSYECAV440**

Actassi Airing Plate with or without Fans, Symbol Diameter Before 120 (4.72) mm (in.)

- Fixing: Fixing on the outside of the roof and bottom support plate
  Can be combined with other types of cable gland plates
- Other characteristics: Sound level: 34 dB (A)

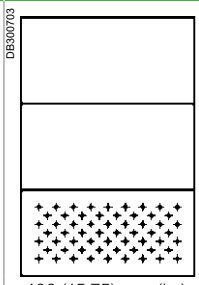
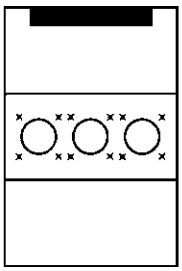
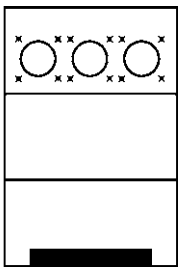
Supply:
1 cable gland plate with or without fans, 2 (78.74) m (in.) power cord (version with fans) and fixing elements
Versions with 2 or 3 fans: Each of them has an output capacity of 170 m³/h (100.06 ft³/min), 220 V-50/60 Hz, installed and wired to a terminal strip.
A 2 (78.74) m (in.) power cord is supplied connected



NSYECVT3V440

Characteristics	Description	References
Actassi airing plate with or without fans, symbol diameter before 120 (4.72) mm (in.)	With 3 fans	**NSYECVT3V440**
Actassi airing plate with or without fans, symbol diameter before 120 (4.72) mm (in.)	With 2 fans	**NSYECVT2V440**

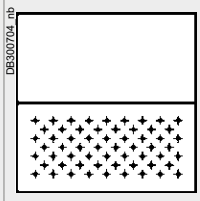
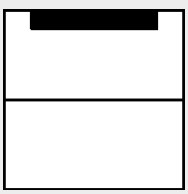
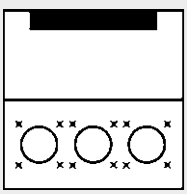
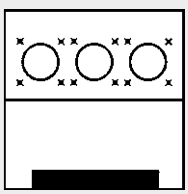
Top frame - 3 blanking plates

Width	Depth	Example 1	Example 2	Example 3	Example 4
600 (23.62) mm (in.) **800 (31.50) mm (in.)**	**600 (23.62) mm (in.)** **800 (31.50) mm (in.)** **1000 (39.37) mm (in.)**				
Cut-out = 400 (15.75) x 450 (17.72) mm (in.)		400 (15.75) mm (in.)	400 (15.75) mm (in.)	400 (15.75) mm (in.)	400 (15.75) mm (in.)

DB300703

3 x 150 (5.91) mm

Top frame - 2 Blanking plates

Width	Depth	Example 1	Example 2	Example 3	Example 4
600 (23.62) mm (in.) **800 (31.50) mm (in.)**	**600 (23.62) mm (in.)**				
Cut-out = 400 (15.75) x 300 (11.81) mm (in.)		400 (15.75) mm (in.)	400 (15.75) mm (in.)	400 (15.75) mm (in.)	400 (15.75) mm (in.)

DB300704_nb

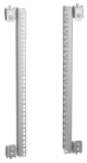
2 x 150 (5.91) mm

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

PanelSeT SFN IT: Floor-Standing Enclosures for IT

Accessories

Partial 19" Fixed Rack


NSYRCKP12

- Rack designed for coupling in enclosures with a width of 600 (23.62) mm (in.).
- Adjustable depth with a pitch of 25 (0.98) mm (in.).
- Material: Zinc-coated steel
- Maximum load: 2 (4.4) kg (lbs.)/U

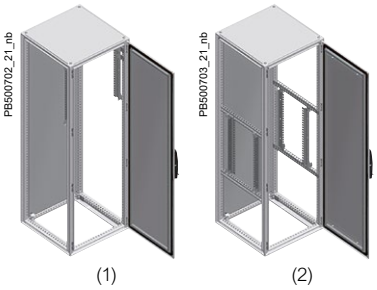
Installation:

PanelSeT SFN:

- Installation at the top front of the enclosure, no cross-rails needed (1)
- Depth adjustment of the partial rack: two cross-rails need to be installed, see page 364
- For installation at any other height, four cross-rails are required (2)

PanelSeT SM:

- At the front of the enclosure (1): Install two front vertical adaptation profiles, see page 368
- For depth adjustment (2): Install two front vertical adaptation profiles, see page 368 and two rear vertical 40 (1.57) mm (in.) (1 row) cross-rails and four cross-rails, see page 364



(1) (2)

Supply:
2 uprights and fixing elements

Characteristics	Number of units	Height mm (in.)	References
Partial 19" fixed rack	4	200 (7.87)	**NSYRCKP4**
Partial 19" fixed rack	8	400 (15.75)	**NSYRCKP8**
Partial 19" fixed rack	12	600 (23.62)	**NSYRCKP12**
Partial 19" fixed rack	17	800 (31.50)	**NSYRCKP17**
Partial 19" fixed rack	21	1000 (39.37)	**NSYRCKP21**
Partial 19" fixed rack	26	1200 (47.24)	**NSYRCKP26**

19" Fixed Rack


NSYRCK38

- Rack designed for installation in enclosures with a width of 600 (23.62) mm (in.).
- Adjustable depth with a pitch of 25 (0.98) mm (in.).
- Material: Zinc-coated steel
- Maximum load: 400 (881.8) kg (lbs.) for 4 uprights
- Maximum load: 200 (440.9) kg (lbs.) for 2 uprights

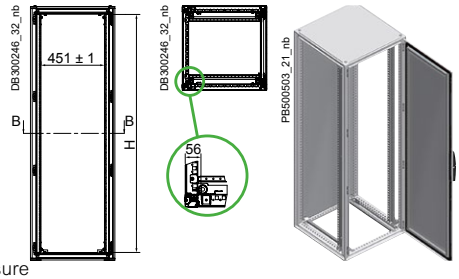
Installation:

PanelSeT SFN:

- Direct fixing on the structure of the enclosures:
- For installation on enclosures with a width of 800 (31.50) mm (in.), use the 19" fixed-rack support brackets,
- To reinforce the rigidity of the uprights in enclosures with a width of 800 (31.50) mm (in.), it is advisable to use the central fixing kit, for enclosure heights above 1800 (70.87) mm (in.), ref. **NSYRCK19KIT**.

PanelSeT SM:

- Fixing on the top/bottom adjustment rails.



Supply:
2 uprights and fixing elements

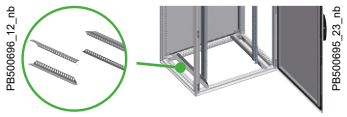
Characteristics	Number of units	Height mm (in.)	References
19" fixed rack	24	1200 (47.24)	**NSYRCK24**
19" fixed rack	29	1400 (55.12)	**NSYRCK29**
19" fixed rack	33	1600 (62.99)	**NSYRCK33**
19" fixed rack	38	1800 (70.87)	**NSYRCK38**
19" fixed rack	42	2000 (78.74)	**NSYRCK42**
19" fixed rack	47	2200 (86.61)	**NSYRCK47**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

PanelSeT SFN IT: Floor-Standing Enclosures for IT

Accessories

Support Brackets for 19" Fixed Rack with a Width of 800 (31.50) mm (in.)



- Support brackets for coupling the fixed rack to enclosures with a width of more than 600 (23.62) mm (in.).
- They allow the depth of the fixed rack to be adjusted with a pitch of 25 (0.98) mm (in.).
- The fixed sizes are delivered in pairs.
- Material: Zinc-coated steel
- Maximum load: 400 (881.8) kg (lbs.)

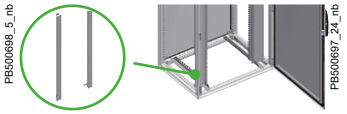
Supply:
4 support brackets and fixing elements



NSYRCKS8

Characteristics	Depth mm (in.)	References
Support brackets for 19" fixed rack	600 (23.62)	**NSYRCKS6**
Support brackets for 19" fixed rack	800 (31.50)	**NSYRCKS8**
Support brackets for 19" fixed rack	1000 (39.37)	**NSYRCKS10**

Side Plates of the Centered Fixed Rack for a Width of 800 (31.50) mm (in.)



- Side plates for coupling to the fixed rack in enclosures with a width of 800 (31.50) mm (in.).
- Direct installation on the rack by screws.
- The fixed sizes are delivered in pairs.
- Material: Steel
- Finish: Structured finish, epoxy polyester powder
- Color: RAL 7035 gray

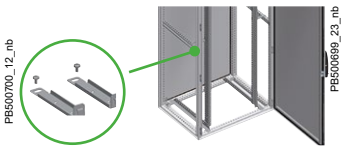
Supply:
2 side plates and fixing elements



NSYRC20

Characteristics	Height mm (in.)	References
Side plates of the centered fixed rack	1200 (47.24)	**NSYRC12**
Side plates of the centered fixed rack	1800 (70.87)	**NSYRC18**
Side plates of the centered fixed rack	2000 (78.74)	**NSYRC20**
Side plates of the centered fixed rack	2200 (86.61)	**NSYRC22**

Central Fixing Kit



- To reinforce the rigidity of the 19" fixed racks in enclosures with a width of 800 (31.50) mm (in.).
- Fixing to the enclosure by cross-rails or light cross-rails installed depthwise. See page 365.
- Material: Zinc-coated steel

Supply:
2 supports and fixing elements



NSYRCK19KIT

Characteristics	References
Central fixing kit	**NSYRCK19KIT**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

PanelSeT SFN IT: Floor-Standing Enclosures for IT

Accessories

Partial 19" Swing Rack for 600 (23.62) and 800 (31.50) mm (in.) Enclosures

- Rack for coupling to enclosures with widths of 600 (23.62) and 800 (31.50) mm (in.).
- In enclosures with a width of 800 (31.50) mm (in.), the rack can be installed centered or off-center.
- Maximum opening: 120°.
- Reversible opening direction: Left/right.
- Locking system, top and bottom, with 5 (0.2) mm (in.) double-bar key.
- The 6 and 9 units racks only with bottom lock.
- Maximum equipment installation depth: 180 (7.09) mm (in.), in enclosures with a width of 600 (23.62) mm (in.).
- Material: Zinc-coated steel

Installation:

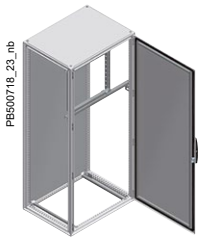
PanelSeT SFN:

- To install at the front at any height of the enclosure: directly to the framework by rack fixing elements
- For depth adjustment: Install two (for top height) or four (for any height) 65 (2.56) mm (in.) (2 rows) cross-rails, see page 364

PanelSeT SM:

- To install at the front at any height of the enclosure: install two front vertical adaptation profiles, see page 368
- For depth adjustment: Install two front vertical adaptation profiles, see page 368 and two rear vertical 40 (1.57) mm (in.) cross-rails and four 65 mm (in.) (2 rows) cross-rails, see page 364
- Maximum load: 2 (4.4) kg (lbs.)/U





For more details see page 219

(1) Optional installation in enclosures with height of 1200 (47.24) mm (in.).

Supply:
1 partial 19" swing rack


NSYRSWP15

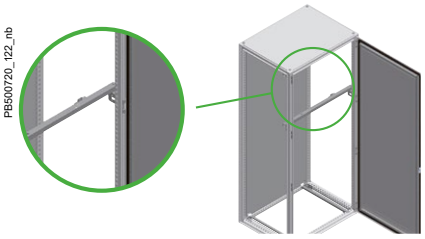
Characteristics	Number of units (H)	Height mm (in.)	References
Partial 19" swing rack	6	355 (13.98)	**NSYRSWP6**
Partial 19" swing rack	9	468 (18.43)	**NSYRSWP9**
Partial 19" swing rack	12	601 (23.66)	**NSYRSWP12**
Partial 19" swing rack	15	735 (28.94)	**NSYRSWP15**
Partial 19" swing rack	18	868 (34.17)	**NSYRSWP18**
Partial 19" swing rack (1)	21	1002 (39.45)	**NSYRSWP21**

Partial 19" Swing Rack Support for 600 (23.62) and 800 (31.50) mm (in.) Enclosures

- Supports for coupling the partial swing rack to enclosures with widths of 600 (23.62) and 800 (31.50) mm (in.).
- Height or depth adjustment, with a pitch of 25 (0.98) mm (in.), by two 65 (2.56) mm (in.) (2 rows) universal cross-rails and a 19" multiple bracket, ref. **NSYMBR19**.
- PanelSeT SFN: Direct fixing to the structure.
- PanelSeT SM: Fixing to the enclosure by means of the vertical adaptation profile, see page 368.
- Material: Zinc-coated steel

Installation:

- Installation of the rack in centered or off-center position, for enclosures with a width of 800 (31.50) mm (in.)



Supply:
2 supports and fixing elements




NSYRSWSP6

Characteristics	Width mm (in.)	References
Partial 19" swing rack support	600 (23.62)	**NSYRSWSP6**
Partial 19" swing rack support	800 (31.50)	**NSYRSWSP8**

19" Multiple Bracket




NSYMBR19

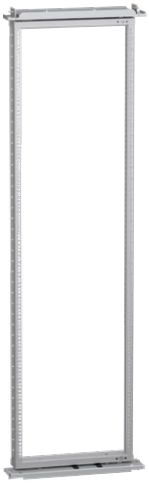
- Bracket for fixing 65 (2.56) mm (in.) universal cross-rails (2 rows), depthwise, to position the partial 19" swing rack in any direction, up and down and/or depthwise.
- Material: Zinc-coated steel.

Supply:
4 brackets and fixing elements

Characteristics	Width mm (in.)	References
19" multiple bracket	600 (23.62)	**NSYMBR19**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

19" Swing Rack for 600 (23.62) mm (in.) Enclosures



NSYRSW640

- To be coupled to enclosures with widths of 600 (23.62) mm (in.).
- Can be moved depthwise with a pitch of 25 (0.98) mm (in.).
- Reversible opening direction: Left/right.
- Locking system, top and bottom, with 5 (0.2) mm (in.) double-bar key.
- Maximum opening: 130°.
- Maximum equipment installation depth: 180 (7.09) mm (in.).
- Not compatible with 120° mechanical retainer **NSYRCDR12**

Fixing to the enclosure structure:

PanelSeT SFN:

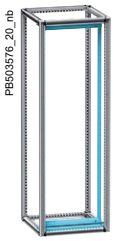
- Fixing to the enclosure structure.

PanelSeT SM:

- Fixing to the enclosure on top/bottom adjustment rails.

Components:

- Zinc-coated steel central structure.
- Mounting cross-rail on structure made from steel painted with epoxy polyester resin, textured RAL 7035 gray. Fixed to the central structure by screws.



For more details see page 219

Supply:
1 19" swing rack with no panels

Characteristics	Number of units (H)	Height mm (in.)	References
19" swing rack	36	1800 (70.87)	**NSYRSW636**
19" swing rack	40	2000 (78.74)	**NSYRSW640**
19" swing rack	45	2200 (86.61)	**NSYRSW645**

19" Swing Rack for 800 (31.50) mm (in.) Enclosures, Off-Center



NSYRSW40

- To be coupled to enclosures with widths of 800 (31.50) mm (in.).
- Can be moved depthwise with a pitch of 25 (0.98) mm (in.).
- Reversible opening direction: Left/right.
- Locking system, top and bottom, with 5 (0.2) mm (in.) double-bar key.
- Maximum opening: 130° (option of opening to 180° using 180° hinges).
- Material: Zinc-coated steel and steel painted
- Maximum load: 3.75 (8.3) kg (lbs.)/unit with a max of 150 (330.7) kg (lbs.)

Installation:

- PanelSeT SFN-SM
- Other mounting options: Consult us

Maximum equipment installation depth:

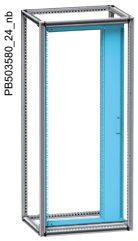
- Off-center 19" swing rack: 470 (18.50) mm (in.)
- Centered 19" swing rack: 390 (15.35) mm (in.)

Fixing to the enclosure structure:

- PanelSeT SFN: Fixing to the entire height of the enclosure structure.
- PanelSeT SM: Fixing to the enclosure on top/bottom adjustment rails.

Components:

- Zinc-coated steel central structure.
- Mounting cross-rail on structure made from steel painted with epoxypolyester resin, textured RAL 7035 gray.
- Fixed to the central structure by screws.
- Side plate made from steel painted with epoxy polyester resin, textured RAL 7035 gray. Fixed to the central structure by screws.



For more details see page 219

Spare handle:
Order ref. **NSYTEDB5ML** (handle) + **NSYTMME** (blind barrel).

Supply:
Centered and off-center 19" swing rack: hinged rack, 800 (31.50) mm (in.) swing rack supports, side plates with locking system double-bar and fixing elements

Characteristics	Number of units (H)	Height mm (in.)	References
19" swing rack, off-center	27	1400 (55.12)	**NSYRSW27**
19" swing rack, off-center	31	1600 (62.99)	**NSYRSW31**
19" swing rack, off-center	36	1800 (70.87)	**NSYRSW36**
19" swing rack, off-center	40	2000 (78.74)	**NSYRSW40**
19" swing rack, off-center	45	2200 (86.61)	**NSYRSW45**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

PanelSeT SFN IT: Floor-Standing Enclosures for IT

Accessories

19" Swing Rack for 800 (31.50) mm (in.) Enclosures, Centered


NSYRSWC40

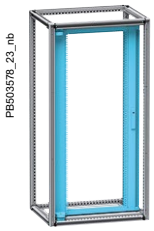
- To be coupled to enclosures with widths of 800 (31.50) mm (in.).
- Can be moved depthwise with a pitch of 25 (0.98) mm (in.).
- Reversible opening direction: Left/right.
- Locking system, top and bottom, with 5 (0.2) mm (in.) double-bar key.
- Maximum opening: 130° (option of opening to 180° using 180° hinges).
- Material: Zinc-coated steel and steel painted
- Maximum load: 3.75 (8.3) kg (lbs.)/unit with a max of 150 (330.7) kg (lbs.)

Installation:
- PanelSeT SFN-SM
- Other mounting options: Consult us

Maximum equipment installation depth:
- Off-center 19" swing rack: 470 (18.50) mm (in.)
- Centered 19" swing rack: 390 (15.35) mm (in.)

Fixing to the enclosure structure:
- PanelSeT SFN: Fixing to the entire height of the enclosure structure.
- PanelSeT SM: Fixing to the enclosure on top/bottom adjustment rails.

Components:
- Zinc-coated steel central structure.
- Mounting cross-rail on structure made from steel painted with epoxypolyester resin, textured RAL 7035 gray.
- Fixed to the central structure by screws.
- Side plate made from steel painted with epoxy polyester resin, textured RAL 7035 gray. Fixed to the central structure by screws.


PB603578_23_nb

For more details see page 219

Supply:
Centered and off-center 19" swing rack: hinged rack, 800 (31.50) mm (in.) swing rack supports, side plates with locking system double-bar and fixing elements

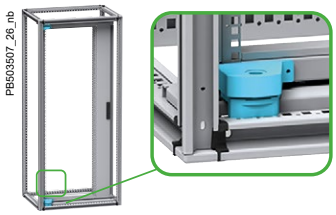
Characteristics	Number of units (H)	Height mm (in.)	References
19" swing rack, centered	36	1800 (70.87)	**NSYRSWC36**
19" swing rack, centered	40	2000 (78.74)	**NSYRSWC40**
19" swing rack, centered	45	2200 (86.61)	**NSYRSWC45**

180° Hinge


NSYRSWH180

- Hinge for installation on centered and off-center 19" swing racks.
- Allows the swing rack to be opened to 180°.
- Fixing by M8 screws directly to the swing rack.
- Material: Zamak 5

Maximum equipment installation depth:
Off-center 19" swing rack: 425 (16.73) mm,
Centered 19" swing rack: 345 (13.58) mm.


PB603607_26_nb

Supply:
2 hinges and fixing elements

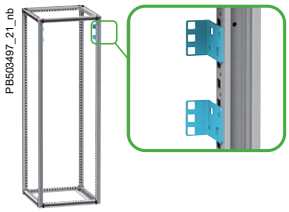
Characteristics	References
180° hinge	**NSYRSWH180**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

PanelSeT SFN IT: Floor-Standing Enclosures for IT

Accessories

1 U / 3 U Support





NSYRC1U

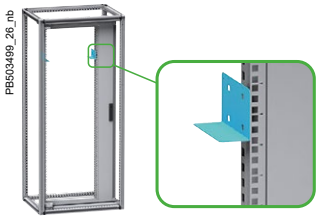
- Support prepared for installing equipment 1 U or 3 U high.
- Designed with quick-locking for easy installation.
- **PanelSeT SFN:** Direct fixing to the structure.
- **PanelSeT SM:** Fixing to the enclosure by means of the vertical adapter section, see page 368.
- Material Zinc-coated steel

For more details see page 219

Supply:
4 1 U/3 U supports (2 units right and 2 units left) and fixing elements

Characteristics	References
1 U / 3 U support	**NSYRC1U**

19" Partial Single Slides





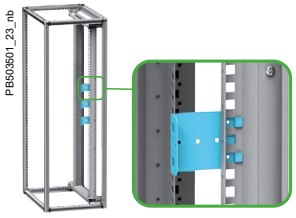
NSYGB140

- Rails for installation on fixed or swing racks.
- Direct fixing on the structure of the enclosure, by quick-locking.
- Material: Zinc-coated steel
- Thickness: 12 (0.47)/10^{e} mm
- Maximum load: 15 (33.1) kg (lbs.)

Supply:
2 rails and fixing elements

Characteristics	References
19" partial single slides	**NSYGB140**

Fixing of Cable Ducts on 19" Racks





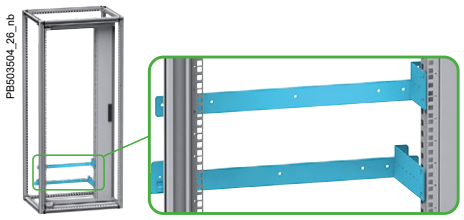
NSYRCDFIX

- Allows vertical fixing of cable ducts for cable guide.
- Service depth: 150 (5.91) mm (in.).
- Fixed by quick-locking to the 19" rack profile.
- Material: Zinc-coated steel

Supply:
3 units and fixing elements

Characteristics	References
Fixing of cable ducts on 19" racks	**NSYRCDFIX**

Rear Cable-Guide Support





NSYRCSUP25

- Supports used for installation on the rear of the swing racks.
- Suitable for fixing cable-guide accessories.
- Allow vertical fixing of cable ducts: Adjustable depth with a pitch of 44.45 (1.75) mm (in.).
- Material: Zinc-coated steel

Supply:
2 cable-guide supports, crossbar and fixing elements

Characteristics	Service depth mm (in.)	References
Rear cable-guide support	150 (5.91)	**NSYRCSUP15**
Rear cable-guide support	250 (9.84)	**NSYRCSUP25**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

PanelSeT SFN IT: Floor-Standing Enclosures for IT

Accessories

120° Mechanical Retainer


NSYRCDR12

- Retainer for installation on the swing racks.
- Maximum opening: 120°.
- Not compatible with the 19'' swing racks for 600 (23.62) mm (in.) enclosures (NSYRSW6*)

Fixing:
Direct fixing to the rack support and the 19" rack

Supply:
1 mechanical door stop and fixing elements

Characteristics	References
120° mechanical retainer	**NSYRCDR12**

180° Pneumatic Retainer


NSYRCDR18

- Retainer for installation on the swing racks installed with 180° hinges, in enclosures with a depth of 600 (23.62), 800 (31.50) or 1000 (39.37) mm (in.).
- Maximum opening: 180°.

Fixing:
PanelSeT SFN:
Fixing to the base of the structure and to the rack.
PanelSeT SM:
Direct fixing to the rack support and to the 19" rack.

Supply:
1 pneumatic door stop and fixing elements

Characteristics	References
180° pneumatic retainer	**NSYRCDR18**

Flat Escutcheon for Swing 19" Rack


NSYRCLOCK

- Flat escutcheon with 5 (0.2) mm (in.) double-bar insert lock, for installation on swing 19" racks

Supply:
1 flat escutcheon, 5 (0.2) mm (in.) double-bar insert and fixing elements

Characteristics	References
Flat escutcheon for swing 19" rack	**NSYRCLOCK**

Switch for Swing 19" Rack


NSYRCINT

- Switch for direct fixing on the bottom or top support of the swing rack.
- M20 connection.
- NO + NC contact, 10 A/500 V.

Supply:
1 19" rack switch and fixing elements

Characteristics	References
Switch for swing 19" rack	**NSYRCINT**

Fixings for 19" Rack


PB500189_28_nb

- They allow 19" accessories to be mounted.
- Caged nut compatible with 8.5 (0.33) x 8.5 (0.33) mm (in.) and 9.5 (0.37) x 9.5 (0.37) mm (in.) holes.


NSYGFR95M63

Characteristics	Set of	References
M6 screws + washers + nuts	30	**NSYGFR95M63**
M6 x 16 screws and washers	50	**NSYGFR166P**
M6 caged nuts	100	**NSYCN9M625**
M6 screws + washers + nuts	50	**NSYGFR95M65**
M5 screws + washers + nuts	50	**NSYGFR95M55**

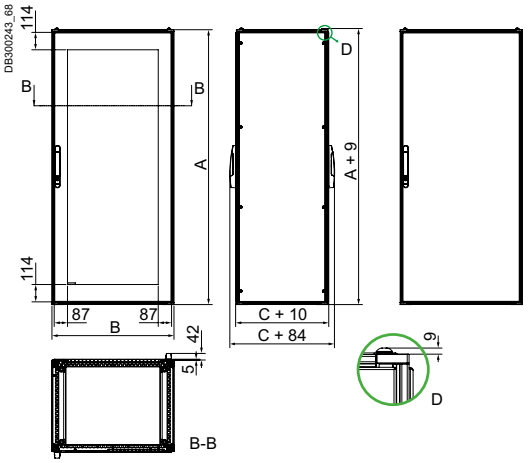
For any information, refer to Thermal Management chapter, see page 287.

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

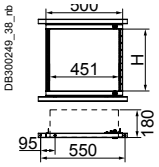
PanelSeT SFN IT: Floor-Standing Enclosures for IT

Dimensions

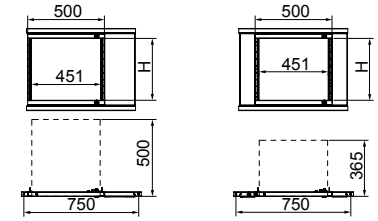
PanelSeT SFN 19" Electronic Enclosure



Partial 19" Swing Rack for 600 (23.62) and 800 (31.50) mm (in.) Enclosures

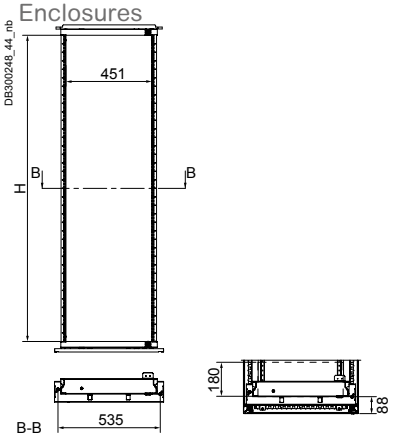


Partial 19" Swing Rack for Enclosures with a Width of 600 (23.62) mm (in.)

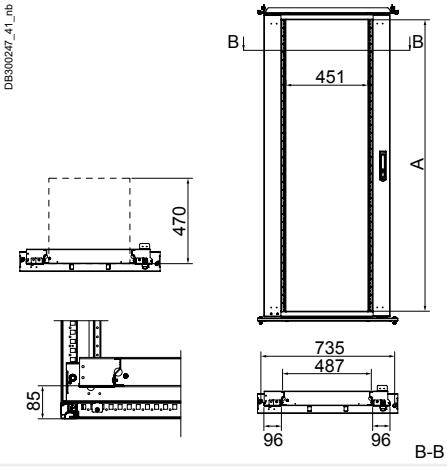


Partial 19" Swing Rack, Off-Centered, Centered, for Enclosures with a Width of 800 (31.50) mm (in.)

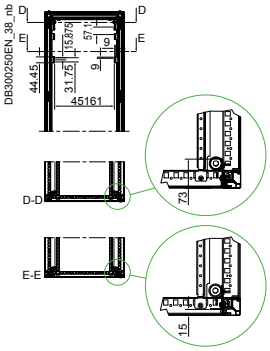
19" Swing Rack for 600 (23.62) mm (in.) Enclosures



19" Swing Racks for 800 (31.50) mm (in.) Enclosures



1 U / 3 U Support



Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Specific Applications

Severe Outdoor

Panel**SeT** PHD: Polyester

NSYPHDZT774



Panel**SeT** S3HD - SFN HD: Outdoor Coated Steel

NSYSFNHD20860



Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Panel**SeT** PHD: Polyester

Introduction	**222**
Characteristics	**225**
Accessories	**228**
Certifications	**232**

Panel**SeT** S3HD - SFN HD: Outdoor Coated Steel

Introduction	**222**
Characteristics	**226**
Accessories	**230**
Certifications	**232**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

PanelSeT PHD - S3HD - SFN HD

Introduction



PanelSeT PHD enclosures are suitable for outdoor public areas thanks to their multiple features:
- mechanical strength (IEC 61439-5.2023),
- anti-posting surface thanks to the special ribbed door surface,
- insulated (ready for Class II according to IEC 61439-1: 2011).

Our enclosures are reinforced and designed to withstand harsh outdoor conditions. PanelSeT SFN HD and S3HD made of coated steel are suited for installation in private areas due to their exceptional resistance to corrosion (up to C4H level according to ISO 12944:2018) and UV protection.

PanelSeT PHD, a Class II polyester cabinet, is designed for installation in public spaces, offering high resistance to pressure and impact, along with an anti-posting coating.

NOTICE

POSSIBLE AESTHETICS CHANGES OF ENCLOSURE SURFACE

For long exposure applications, use painted enclosures available through the customized offer, to protect from UV radiation, wind and rain.

Failure to follow these instructions can result in equipment damage.

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Severe Outdoor

PanelSeT PHD - S3HD - SFN HD

Introduction



Fully Equipped

Standard, pre-installed equipment includes:

- A canopy to avoid water stagnation
- An aluminum cable gland plate to easily drill holes and avoid corrosion
- A document pocket to hold your documents in a practical place



Anti-Vandalism Feature

- PHD and SFN HD: handle with keylock and additional padlock hole (padlock not included) as a standard accessory to help protect the equipment



High Resistance

- PHD: Heavy-duty polyester reinforced with a double layer of fiberglass



Upper Airing

- The newly engineered roof airing accessory
- Prevents condensation (one of the causes of corrosion)



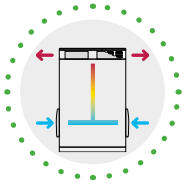
Heavy-Duty Accessories

- Dedicated accessories to resist harsh outdoor environments



Simplified Installation

- Easy lifting even when loaded with up to 1500 (3306.9) kg (lbs.) of equipment
- HD lifting accessories also available



Thermal Management Solutions

- 3 airing architectures help protecting the equipment installed inside from overheating and humidity

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Severe Outdoor

PanelSeT PHD - S3HD - SFN HD

Characteristics

Characteristics	Wall-mounted enclosure	Floor-standing enclosure	Wall-mounted enclosure	Floor-standing enclosure
According to Reach and RoHs & Halogen-free	 PB502649_30	 PB502646_21_nb PB502645_21_nb	 PB502653_21_nb	 NSYSFNHD20860
	Polyester outdoor Heavy-Duty enclosures		Steel outdoor Heavy-Duty enclosures	
	Outdoor Heavy-Duty (HD) enclosures made of polyester insulated material. Offer multiple features suitable for outdoor public spaces: • High pressure and shock resistance • Posting-deterrent for floor standing • Enhanced insulation.		Outdoor Heavy-Duty (HD) enclosures made of coated steel. Offer multiple features suitable for private areas with harsh environments: • High resistance to corrosion (up to C4H level according ISO 12944:2018) • High resistance to UV.	
Material	HD Polyester reinforced with fiberglass to meet standard EN 439-5		HD steel with anti-corrosive painting	
Finish	-		Structured finish, 100% polyester powder	
Color	RAL 7035 gray		RAL 7035 gray	
Conditions of use	Outdoor and/or harsh environments		Outdoor and/or harsh environments	
Temperature range	-40...80 °C		-40...80 °C	
Ingress protection rating	IP65 according to IEC 60529	IP55 according to IEC 60529	IP66 according to IEC 60529	IP55 according to IEC 60529
Mechanical protection rating	IK10 according to IEC 62262		IK10 according to IEC 62262	
Standards	IEC 61439-5, IEC 62208, IEC 61439-1 (Class II insulation), IEC 60297-3-100		IEC 61439-5, IEC 62208, IEC 60297-3-100, ISO 12944-6 (C4H)	
Certifications	• c-UL-us certified with NEMA 1/2/3/3R/4/4X/5/12/13 for single door • NEMA 1/2/3/3R/5/12/13 for double door		c-UL-us certified with NEMA 1/2/3/3R/4/4X/5/12/13	NEMA 1/3R/12
Fixing	On wall by means of optional wall fixing accessory	Option for installation on floor	• On wall by means of optional stainless-steel wall fixing lugs • On post by means of optional HD post fixing device	• Directly on floor by means of plinth (see page 404)
Maximum load according to IEC 62208	500 (1102.3) kg (lbs.) (depends on the size of the enclosure)		200 (440.9) kg (lbs.) (depends on the size of the enclosure)	1312 (2892.5) kg (lbs.) (1168 (2575.0) kg (lbs.) lifting) (depends on the size of the enclosure)
Other characteristics	• Fire resistance according to EN 1794-2 • Lifting possible from top with eyebolt accessory • New dedicated airing solutions to be integrated in roof, lateral or plinth. 3 airing architectures proposed (see page 304 and 305)		New dedicated airing solutions to be integrated in roof, side or plinth	
Options	Plain door	Plain or ribbed door	-	
Supply	• Curved canopy • Handle with keylock (1242E type) and padlock • Door retainer • Plastic document pocket (A4 size)	• Curved canopy • Integrated plinth • Handle with keylock (1242E type) and padlock • Aluminum cable gland plate • Door retainer • Plastic document pocket (A4 size)	• Curved canopy • 3 (0.12) mm (in.) double-bar lock • Plastic document pocket (A4 size) • Door retainer • Aluminum cable gland plate	• Canopy • Rear panel • Handle with keylock (1242E type) and padlock • Aluminum cable gland plate

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Severe Outdoor
PanelSeT PHD: Polyester
Characteristics

Polyester Outdoor Heavy-Duty Enclosures

- Outdoor Heavy-Duty (HD) enclosures made of polyester insulated material. Offer multiple features suitable for public spaces: high resistance to pressure and shocks, posting deterrence, and high insulation.
- Material: HD Polyester reinforced with fiberglass to meet standard EN 439-5
- Color: RAL 7035 gray
- Conditions of use: Outdoor and/or harsh environments
- Temperature range: -40°C (-40°F)...80°C (176°F)
- Mechanical protection rating: IK10 according to IEC 62262
- Standards: IEC 61439-5, IEC 62208, IEC 61439-1 (Class II insulation), IEC 60297-3-100
- Certifications: c-UL-us certified with NEMA 1/2/3/3R/4/4X/5/12/13 for single door and NEMA 1/2/3/3R/5/12/13 for double door
- Maximum load according to IEC 62208: 500 (1102.3) kg (lbs.)
- Other characteristics: Fire resistance according to EN 1794-2, Lifting possible from top with eyebolt accessory, new dedicated airing solutions to be integrated in roof, lateral or plinth. 3 airing architectures proposed (see page 304 and 305)
- Options: Plain door or ribbed door for polyester floor standing enclosure

Wall-Mounted Enclosure

PB502649_30



NSYPHDT553P

- Ingress protection rating: IP65 according to IEC 60529
- Fixing: On wall by means of optional wall fixing accessory

Supply:
Curved canopy
Handle with keylock (1242E type) and padlock
Door retainer
Plastic document pocket (A4 size)

Characteristics	Door type	Number of doors	Dimensions (H x W x D)	References
Wall-mounted enclosure	Plain	1	538 (21.18) x 500 (19.68) x 320 (12.60)	**NSYPHDT553P**
Wall-mounted enclosure	Plain	1	788 (31.02) x 500 (19.68) x 320 (12.60)	**NSYPHDT753P**

Floor-Standing Enclosure

- Ingress protection rating: IP55 according to IEC 60529
- Fixing: 2 options for installation on floor:
- With floor fixing kit **NSYMF2PLAZ4** or **NSYMF2PLAZ6** for integrated plinth (50 (1.97) mm (in.))
- With additional ZZ plinths available as accessory (200 (7.87) mm (in.)) (see page 406)

Supply:
Curved canopy
Integrated plinth
Handle with keylock (1242E type) and padlock
Aluminum cable gland plate
Door retainer
Plastic document pocket (A4 size)



NSYPHDZT774



NSYPHDZT774P

Characteristics	Door type	Number of doors	Dimensions (H x W x D)	References
Floor-standing enclosure	Anti-posting	1	843 (33.19) x 750 (29.53) x 420 (16.54)	**NSYPHDZT774**
Floor-standing enclosure	Anti-posting	1	843 (33.19) x 750 (29.53) x 620 (24.41)	**NSYPHDZT776**
Floor-standing enclosure	Anti-posting	1	1093 (43.03) x 500 (19.68) x 420 (16.54)	**NSYPHDZT1054**
Floor-standing enclosure	Anti-posting	1	1093 (43.03) x 750 (29.53) x 420 (16.54)	**NSYPHDZT1074**
Floor-standing enclosure	Anti-posting	1	1343 (52.87) x 500 (19.68) x 420 (16.54)	**NSYPHDZT1254**
Floor-standing enclosure	Anti-posting	1	1343 (52.87) x 750 (29.53) x 420 (16.54)	**NSYPHDZT1274**
Floor-standing enclosure	Anti-posting	1	1343 (52.87) x 750 (29.53) x 620 (24.41)	**NSYPHDZT1276**
Floor-standing enclosure	Anti-posting	2	1343 (52.87) x 1250 (49.21) x 420 (16.54)	**NSYPHDZT12124**
Floor-standing enclosure	Anti-posting	2	1343 (52.87) x 1250 (49.21) x 620 (24.41)	**NSYPHDZT12126**
Floor-standing enclosure	Anti-posting	1	1593 (62.72) x 750 (29.53) x 420 (16.54)	**NSYPHDZT1574**
Floor-standing enclosure	Anti-posting	1	1593 (62.72) x 750 (29.53) x 620 (24.41)	**NSYPHDZT1576**
Floor-standing enclosure	Anti-posting	2	1593 (62.72) x 1250 (49.21) x 420 (16.54)	**NSYPHDZT15124**
Floor-standing enclosure	Anti-posting	2	1593 (62.72) x 1250 (49.21) x 620 (24.41)	**NSYPHDZT15126**
Floor-standing enclosure	Anti-posting	2 Vertical	2093 (82.40) x 750 (29.53) x 420 (16.54)	**NSYPHDZT2074**
Floor-standing enclosure	Plain	1	843 (33.19) x 750 (29.53) x 420 (16.54)	**NSYPHDZT774P**
Floor-standing enclosure	Plain	1	843 (33.19) x 750 (29.53) x 620 (24.41)	**NSYPHDZT776P**
Floor-standing enclosure	Plain	1	1093 (43.03) x 500 (19.68) x 420 (16.54)	**NSYPHDZT1054P**
Floor-standing enclosure	Plain	1	1093 (43.03) x 750 (29.53) x 420 (16.54)	**NSYPHDZT1074P**
Floor-standing enclosure	Plain	1	1343 (52.87) x 500 (19.68) x 420 (16.54)	**NSYPHDZT1254P**
Floor-standing enclosure	Plain	1	1343 (52.87) x 750 (29.53) x 420 (16.54)	**NSYPHDZT1274P**
Floor-standing enclosure	Plain	1	1343 (52.87) x 750 (29.53) x 620 (24.41)	**NSYPHDZT1276P**
Floor-standing enclosure	Plain	2	1343 (52.87) x 1250 (49.21) x 420 (16.54)	**NSYPHDZT12124P**
Floor-standing enclosure	Plain	2	1343 (52.87) x 1250 (49.21) x 620 (24.41)	**NSYPHDZT12126P**
Floor-standing enclosure	Plain	1	1593 (62.72) x 750 (29.53) x 420 (16.54)	**NSYPHDZT1574P**
Floor-standing enclosure	Plain	1	1593 (62.72) x 750 (29.53) x 620 (24.41)	**NSYPHDZT1576P**
Floor-standing enclosure	Plain	2	1593 (62.72) x 1250 (49.21) x 420 (16.54)	**NSYPHDZT15124P**
Floor-standing enclosure	Plain	2	1593 (62.72) x 1250 (49.21) x 620 (24.41)	**NSYPHDZT15126P**
Floor-standing enclosure	Plain	2 Vertical	2093 (82.40) x 750 (29.53) x 420 (16.54)	**NSYPHDZT2074P**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

PanelSeT S3HD - SFN HD: Outdoor Coated Steel

Characteristics

Steel Outdoor HD Enclosures

- Outdoor Heavy-Duty (HD) enclosures made of coated steel.
- Offer multiple features suitable for private areas with harsh environments: high resistance to corrosion (up to C4H level according ISO 12944) and to UV
- Material: HD steel with anti-corrosive painting
- Finish: Structured finish, 100% polyester powder
- Color: RAL 7035 gray
- Conditions of use: Outdoor and/or harsh environments
- Temperature range: 40°C (-40°F)...80°C (176°F)
- Mechanical protection rating: IK10 according to IEC 62262
- Standards: IEC 61439-5, IEC 62208, IEC 60297-3-100, ISO 12.944 (C4H)
- Certifications:
  - **S3HD:** c-UL-us certified with NEMA 1/2/3/3R/4/4X/5/12/13
  - **SFN HD:** NEMA 1/3R/12
- Other characteristics: New dedicated airing solutions to be integrated in roof, side or plinth

Supply:
Canopy
Aluminum cable gland plate

Wall-Mounted Enclosure

- Ingress protection rating: IP66 according to IEC 60529
- Fixing: On wall by means of optional stainless-steel wall fixing lugs, on post by means of optional HD post fixing device
- Maximum load according to IEC 62208: 200 (440.9) kg (lbs.)
- cUL according to 508A CSA C.22.2 N° 14 .
- Environmental rating according UL50E 4, 4x and 13

Supply:
3 (0.12) mm (in.) double-bar lock


NSYS3HD3215

Characteristics	Dimensions (H x W x D)	References
Wall-mounted enclosure	343 (13.50) x 200 (7.87) x 180 (7.09)	**NSYS3HD3215**
Wall-mounted enclosure	448 (17.64) x 300 (11.81) x 230 (9.06)	**NSYS3HD4320**
Wall-mounted enclosure	548 (21.58) x 400 (15.75) x 230 (9.06)	**NSYS3HD5420**
Wall-mounted enclosure	653 (25.71) x 400 (15.75) x 280 (11.02)	**NSYS3HD6425**
Wall-mounted enclosure	658 (25.91) x 600 (23.62) x 330 (12.99)	**NSYS3HD6630**
Wall-mounted enclosure	753 (29.65) x 500 (19.68) x 280 (11.02)	**NSYS3HD7525**
Wall-mounted enclosure	858 (33.78) x 600 (23.62) x 330 (12.99)	**NSYS3HD8630**
Wall-mounted enclosure	862 (33.94) x 800 (31.50) x 430 (16.93)	**NSYS3HD8840**
Wall-mounted enclosure	1062 (41.81) x 600 (23.62) x 430 (16.93)	**NSYS3HD10640**
Wall-mounted enclosure	1062 (41.81) x 800 (31.50) x 430 (16.93)	**NSYS3HD10840**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

PanelSeT S3HD - SFN HD: Outdoor Coated Steel

Characteristics

Floor-Standing Enclosure

- Ingress protection rating: IP55 according to IEC 60529
- Fixing: Directly on floor by means of optional plinth
- Maximum load according to IEC 62208: 1312 (2892.5) kg (lbs.) (1168 (2575.0) kg (lbs.) lifting) (depends on the size of the enclosure)
- Coupling SFN HD is possible using standard coupling kit
- If ordered assembled from our service there are length limitations (consult us)
- cUL according to UL508a
- Environmental ratings according to UL50E,12 and 3R

Supply:
Rear panel
Handle with keylock (1242E type)



NSYSFNHD20860

Characteristics	Dimensions (H x W x D)	References
Floor-standing enclosure SFN	1800 (70.87) x 600 (23.62) x 400 (15.75)	**NSYSFNHD18640**
Floor-standing enclosure SFN	1800 (70.87) x 800 (31.50) x 400 (15.75)	**NSYSFNHD18840**
Floor-standing enclosure SFN	1800 (70.87) x 800 (31.50) x 600 (23.62)	**NSYSFNHD18860**
Floor-standing enclosure SFN	1800 (70.87) x 800 (31.50) x 800 (31.50)	**NSYSFNHD18880**
Floor-standing enclosure SFN	2000 (78.74) x 600 (23.62) x 600 (23.62)	**NSYSFNHD20660**
Floor-standing enclosure SFN	2000 (78.74) x 800 (31.50) x 400 (15.75)	**NSYSFNHD20840**
Floor-standing enclosure SFN	2000 (78.74) x 800 (31.50) x 600 (23.62)	**NSYSFNHD20860**

Side Panel Internal Fixing



NSY2SPINHD184

Characteristics	Dimensions mm (in.)	References
SFN HD 2 side panels int. fix.	1800 (70.87) x 400 (15.75)	**NSY2SPINHD184**
SFN HD 2 side panels int. fix.	1800 (70.87) x 600 (23.62)	**NSY2SPINHD186**
SFN HD 2 side panels int. fix.	1800 (70.87) x 800 (31.50)	**NSY2SPINHD188**
SFN HD 2 side panels int. fix.	2000 (78.74) x 400 (15.75)	**NSY2SPINHD204**
SFN HD 2 side panels int. fix.	2000 (78.74) x 600 (23.62)	**NSY2SPINHD206**

Upper Ventilated Module



NSYSFNCVR64HD

Characteristics	Dimensions mm (in.)	References
SFN HD upper ventilated module	600 (23.62) x 400 (15.75)	**NSYSFNCVR64HD**
SFN HD upper ventilated module	600 (23.62) x 600 (23.62)	**NSYSFNCVR66HD**
SFN HD upper ventilated module	800 (31.50) x 400 (15.75)	**NSYSFNCVR84HD**
SFN HD upper ventilated module	800 (31.50) x 600 (23.62)	**NSYSFNCVR86HD**
SFN HD upper ventilated module	800 (31.50) x 800 (31.50)	**NSYSFNCVR88HD**

Coupling

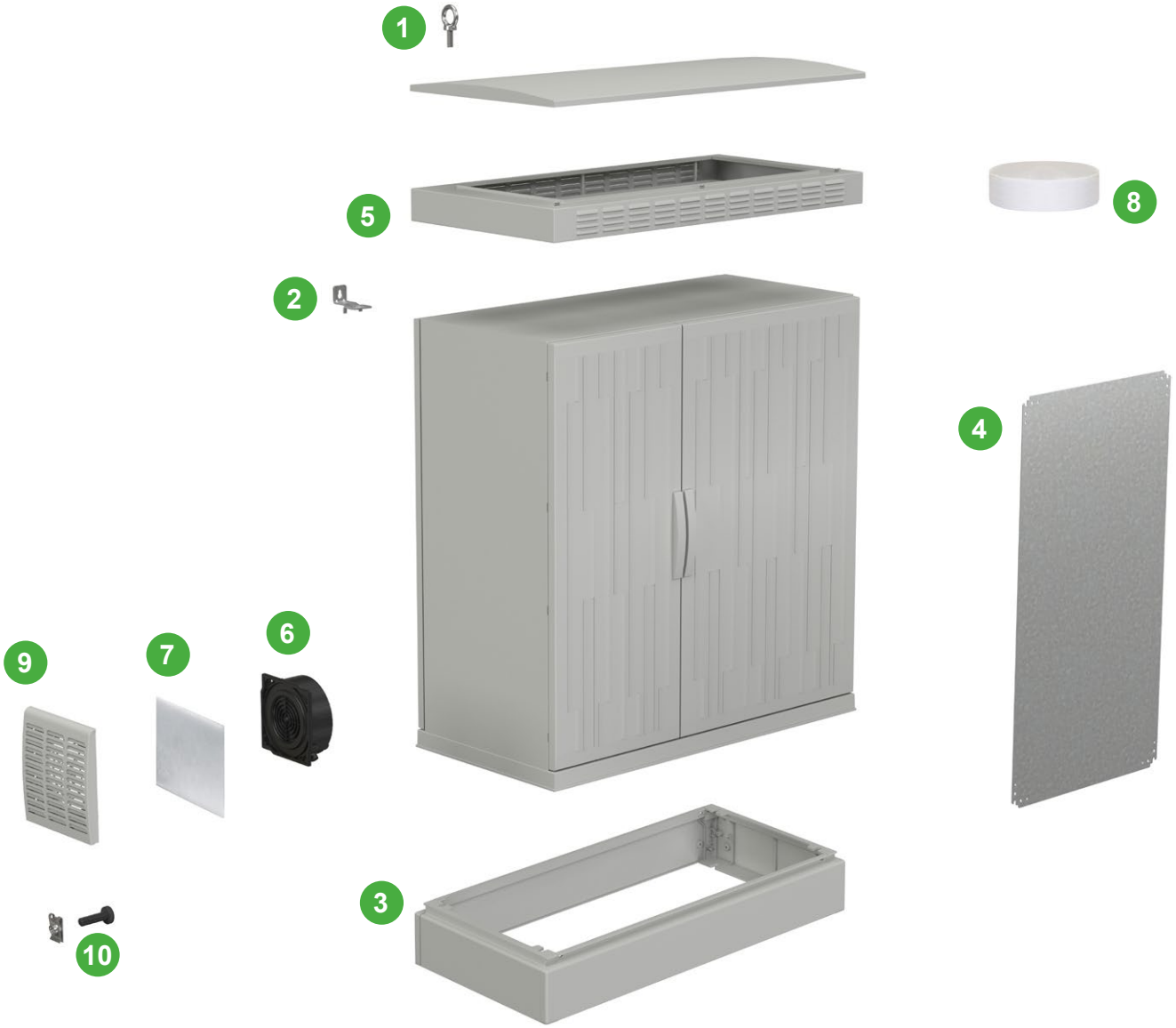


- Coupling SFN HD is possible using standard coupling kit. Each enclosure with its own canopy.
- If ordered assembled from our factory, there are length limitations due to transport (consult us).

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

PanelSeT PHD: Polyester

Accessories



Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Fixing Accessories

1



Eyebolts

See details p. 394

2



Wall fixing accessory

See details p. 393

3



Cables entries

See details p. 423

Mounting

4



Plain mounting plates

See details p. 354

Airing System

5



Roof airing module

See details p. 463

6



Fanbox

See details p. 306

7



Filter

See details p. 306

8



Roof filter for fanbox

See details p. 306

9



IP55 HD metal grid

See details p. 306

10



Anti-vandalism kit for HD metal grid

See details p. 306

> For more information consult the Accessories chapter **page 342**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

PanelSeT S3HD - SFN HD: Outdoor Coated Steel

Accessories



Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Severe Outdoor

PanelSeT S3HD - SFN HD: Outdoor Coated Steel

Accessories

Fixing Accessories

1 
Eyebolts

See details p. 394

2 
Wall fixing accessory

See details p. 392

3 
Ventilated plinths

See details p. 404

Mounting Accessories

4 
Plain mounting plates

See details p. 350

5 
Side panels

See details p. 227

Locking Accesories

6 
Heavy-duty padlockable double lock

See details p. 444

Airing Accessories

7 
Roof airing module

See details p. 227

8 
Fanbox

See details p. 306

9 
Filter

See details p. 306

10 
Roof filter for fanbox

See details p. 306

11 
IP55 HD metal grid

See details p. 306

12 
Vandalism kit for HD metal grid

See details p. 306

> For more information consult the Accessories chapter **page 342**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

PanelSeT PHD - S3HD - SFN HD

Certifications

Test description	Standard	Standard title	Certification	Declaration
POLYESTER PanelSeT PHD				
IP55, IK10, lifting: 500 (1102.3) kg (lbs.) max. (IP65 for wall-mounted)	IEC 62208: 2011	Empty enclosures for low-voltage switchgear and controlgear assemblies - General requirements	●	-
Class II Insulation	IEC 61439-1: 2011	Low-voltage switchgear and controlgear assemblies Part 1: General rules	-	✓
Mechanical strength	IEC 61439-5:2023	Low-voltage switchgear and controlgear assemblies Part 5: Assemblies for power distribution in public networks	●	-
Corrosion resistance C4H. It affects the painted accessories (ventilated roof, anti-burglary kit). All other metal parts have special treatment to pass the same test.	ISO 12944-6:2018	Paints and varnishes-corrosion protection of steel structures by protective paint systems Part 6: laboratory performance testing methods	-	✓
Space for electronics	IEC 60297-3-100: 2009	Mechanical structures for electronic equipment Dimensions of mechanical structures of the 482.6 mm (in.) (19 in) series - Part 3-100: Basic dimensions of front panels, subracks, chassis, racks and cabinets	-	✓
Dimensional	EIA-310-E	Cabinets, Racks, Panels, and associated equipment	-	✓
Fire resistance	EN 1794-2:2011	Vandalism: Fire resistance	-	✓
Posting	Internal test	Door anti-posting internal test	-	✓
Single-door: types 1, 2, 3, 3R, 4, 4X, 5, 12 and 13 Double-door: types 1, 2, 3, 3R, 5, 12 and 13	UL 508 A CSA c.22.2 No 14	Standard for Industrial Control Panels. Standard for Industrial Control Equipment.	●	-
PanelSeT SFN HD (floor-standing enclosures)				
IP55, IK10, lifting: 1312 (2892.5) kg (lbs.) (1168 (2575.0) kg (lbs.) lifting) for the larger size	IEC 62208: 2011	Empty enclosures for low-voltage switchgear and controlgear assemblies - General requirements	●	-
Mechanical strength	IEC 61439-5:2023	Low-voltage switchgear and controlgear assemblies Part 5: Assemblies for power distribution in public networks	●	-
Corrosion resistance C4H	ISO 12944-6:2018	Paints and varnishes-corrosion protection of steel structures by protective paint systems Part 6: laboratory performance testing methods	●	-
Space for electronics	IEC 60297-3-100: 2009	Mechanical structures for electronic equipment Dimensions of mechanical structures of the 482.6 mm (in.) (19 in) series - Part 3-100: Basic dimensions of front panels, subracks, chassis, racks and cabinets	-	✓
Dimensional	EIA-310-E	Cabinets, Racks, Panels, and associated equipment	-	✓
Single-door: Types 1, 3R, 12	UL 508 A CSA C.22 No 14-18 UL50E	Standard for Industrial Control Panels. Standard for Industrial Control Equipment.	●	-
PanelSeT S3HD (wall-mounted enclosures)				
IP66, IK10, lifting: 200 (440.9) kg (lbs.) max.	IEC 62208: 2011	Empty enclosures for low-voltage switchgear and controlgear assemblies - General requirements	●	-
Mechanical strength	IEC 61439-5:2023	Low-voltage switchgear and controlgear assemblies Part 5: Assemblies for power distribution in public networks	●	-
Corrosion resistance C4H	ISO 12944-6:2018	Paints and varnishes-corrosion protection of steel structures by protective paint systems Part 6: Laboratory performance testing methods	●	-
Space for electronics	IEC 60297-3-100: 2009	Mechanical structures for electronic equipment Dimensions of mechanical structures of the 482.6 (19.00) mm (in.) series - Part 3-100: Basic dimensions of front panels, subracks, chassis, racks and cabinets	-	✓
Dimensional	EIA-310-E	Cabinets, Racks, Panels, and associated equipment	-	✓
Single-door: Types 1, 2, 3, 3R, 4, 4X. 5, 12 and 13	UL 508 A: 2007 CSA c.22.2 No 14	Standard for Industrial Control Panels. Standard for Industrial Control Equipment.	●	-

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Test description	Standard	Standard title	Certification	Declaration
HD ACCESSORIES HD THERMAL Management, Fanbox				
NSYCVF Series are intended for mounting on the flat surface of a Type 12 or 12K enclosure	UL 508A CAN/CSA-C22.2 No. 14, CAN/CSA C22.2 No. 94-M91 CAN/CSA C22.2 No. 73	Industrial Control Panels Industrial Control Equipment Special Purpose Enclosures Electrically Equipped Machine Tools	●	-
IP55 HD Metal grille (NSYCAG223LFHD)				
IP55 (in conditions of use)	IEC 60529: 2013	Degrees of protection provided by enclosures (IP Code)	-	✓
Corrosion resistance C4H	ISO 12.944: 2018	Paints and varnishes-corrosion protection of steel structures by protective paint systems Part 6: Laboratory performance testing methods	●	-
Anti-vandalism kit for HD metal grille (NSYCAAPVHD)				
Resistance Class 2	ENV 1627:2011	Burglar resistance - Requirements and classification	●	-
Upper airing module (PHD / SFN HD / S3HD)				
IP55 (in conditions of use)	IEC 60529: 2013	Degrees of protection provided by enclosures (IP Code)		✓
Corrosion resistance at level C4H	ISO 12.944: 2018	Paints and varnishes-corrosion protection of steel structures by protective paint systems Part 6: Laboratory performance testing methods	●	-
HD POLYESTER ENCLOSURES				
Corrosion resistance at level C4H	ISO 12.944: 2018	Paints and varnishes-corrosion protection of steel structures by protective paint systems Part 6: Laboratory performance testing methods	●	-
ZZ plinths (NSYZZ•••)				
ZZ Plinth: IP44 (in conditions of use)	IEC 60.529:2013	Degrees of protection provided by enclosures (IP Code)	-	✓
Eyebolts (NSYPLHD)				
Maximum load 500 (1102.3) kg (lbs.)	IEC 62208: 2011	Empty enclosures for low-voltage switchgear and controlgear assemblies - General requirements	-	✓
HD STEEL ENCLOSURES **Stainless-steel plinths (NSYSPFVX••• / NSYSPLVX••• / NSYSPSX••• / NSYSPSX•••)**				
Ventilated plinth: IP20 (in conditions of use) Standard plinth: IP30 (in conditions of use)	IEC 60.529:2013	Degrees of protection provided by enclosures (IP Code)	-	✓

For Information on Airing Architecture, check ClimaSys chapter, see page 304.

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Specific Applications

Seismic Environments

Panel**SeT** S3D 6G: Wall-Mounted Enclosures

PB502933_56_nb



PB502934_58_nb



Panel**SeT** SFN 6G: Floor-Standing Enclosures

NSYSFN6G20860



Panel**SeT** SFN 3G: Floor-Standing Enclosures

NSYSFN20860



Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Panel**SeT** S3D 6G: Wall-Mounted Enclosures

Introduction	**236**
Characteristics	**238**
Accessories	**239**
Dimensions	**240**

Panel**SeT** SFN 6G: Floor-Standing Enclosures

General Information	**242**
Introduction	**244**
Characteristics	**246**
Accessories	**248**
Dimensions	**252**

Panel**SeT** SFN 3G: Floor-Standing Enclosures

General Information	**242**
Characteristics	**254**
Dimensions	**255**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Panel**SeT** S3D 6G: Wall-Mounted Enclosures

Introduction

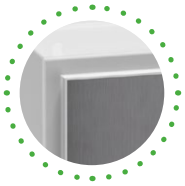


The Panel**SeT** S3D 6G wall-mounted enclosure, designed for seismic applications, this robust and reliable solution help ensuring the safety and protection of electrical components in demanding environments.
Its steel construction with a 2 (0.08) mm (in.) thickness for both the body and the door, this enclosure features a solid door with reinforced full frame, helping to secure installation. The earth continuity between the body and the door, along with a 3-point locking system using key 405E, provides added security.
Coated with epoxy-polyester powder color gray (RAL 7035), help providing durability and aesthetic appeal.
Compliant with standards such as NEMA Type 1/2/3/3R/4/4X/5/12/13 protection and IK10 impact resistance, this enclosure is designed to perform reliably in challenging conditions.

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

PanelSeT S3D 6G: Wall-Mounted Enclosures

Introduction



Strength

Panel thickness:

- Casing + door: 20 (0.79)/10 mm (in.)
- Entry flange: 15 (0.59)/10 mm (in.)



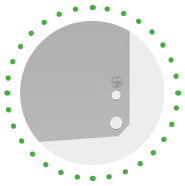
Security Locking System

- 1242E locking system with captive key
- Door not reversible, opening in opposite direction available on demand



Optional on Request

- Continuity of masses between interior and exterior by 2 studs welded opposite each other



Reinforced Mounting Plate

- Mounting plate reinforcement
- Increased number of attachment points



Wall-Mounted

- Reinforced bracket for wall-mounted



Decontaminable Smooth Paint PID 100 Series

- Complies with CCTR 91.C.031.08 Double layer of paint (minimum thickness: 60 µ)
- PIA/PIB/PID and PIC REP 100
- Powder system according to FNP 1125

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Panel**SeT** S3D 6G: Wall-Mounted Enclosures

Characteristics

Panel**SeT** S3D 6G Solutions for Seismic Risks

- Seismic applications up to UBC zone 4.
- Material: Steel
- Color: RAL 7035
- Ingress protection rating: NEMA Type 1/2/3/3R/4/4X/5/12/13
- Mechanical protection rating: IK10 according to IEC 62262
- Maximum load: 80 kg/m² on plain mounting plate, uprights
- Standards:
  - Enclosure standard: IEC 62208
  - Seismic standards: IEC 60068-2-57, IEC 60068-3-3 and CRT 91 C 112 01 - EDF
  - Recommended for UBC zone 4 (this is a widely used Building code despite not being in force)
- Certifications: 6G certification as per CRT 91-C-112-00 (EDF)

Supply:

Body

- Monobloc casing (cross structure). Gutter-shaped front profile. Flat back
- M6 x 16 earthing screws and earth strap for equipotential connection between the enclosure door and casing
- Entry flange

Door

- Plain door with handle equipped with 405 key
  - H < 600 (23.62): 1 fastening point
  - H ≥ 600 (23.62): 3 fastening points
- Non-reversible door (for reversibility, please contact us)
- M6 x 16 earthing screws and earth strap for equipotential connection between the enclosure door and casing
- 120° door opening

Mounting plate

- Mounting plate galvanized before mounting
- Maximum load: 80 (176.37) kg (lbs.)/m²
- Two wall-mounted brackets



NSYS3D6G32515P

Characteristics	Height mm (in.)	Width mm (in.)	Depth mm (in.)	References
PanelSeT S3D 6G seismic plain door with mount. plate	300 (11.81)	250 (9.84)	150 (5.91)	**NSYS3D6G32515P**
PanelSeT S3D 6G seismic plain door with mount. plate	400 (15.75)	300 (11.81)	200 (7.87)	**NSYS3D6G4320P**
PanelSeT S3D 6G seismic plain door with mount. plate	700 (27.56)	500 (19.69)	250 (9.84)	**NSYS3D6G7525P**
PanelSeT S3D 6G seismic plain door with mount. plate	800 (31.50)	600 (23.62)	300 (11.81)	**NSYS3D6G8630P**
PanelSeT S3D 6G seismic plain door with mount. plate	1200 (47.24)	800 (31.50)	400 (15.75)	**NSYS3D6G12840P**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

PanelSeT S3D 6G: Wall-Mounted Enclosures

Accessories

Table of Compatibility of Accessories in 6G Seismic S3D Enclosures

Accessories		Compatibility	Comments	Trade references impacted
 ISPA011_010_43_nb	Door switch	Limited	Conditions: Drilling by customization department to be provided for	NSYINLCRN
 PB500083_29_nb	Diagram holder	Yes	-	NSYDPA●●
 PB500338_24_nb	Lifting rings	Limited	Conditions: Drilling by customization department to be provided for	NSYAELYTCRG8

Comment: None of the accessories is certified 6G.

Locks for Enclosure

- < H 600
- With captive key.
- Material: Zamak lock and metal cam
- For door with hinges on the right side, not reversible, opening in opposite direction available on demand

Supply:
1- or 3-point lock with 1 lock button and 1 cremone screw


NSYAEDLEDF9K31

Characteristics	Key lock	References
Lock for enclosure	EDF 900	**NSYAEDLEDF9K31**
Lock for enclosure	EDF 1300	**NSYAEDLEDF13K31**
Lock for enclosure	EDF 1400	**NSYAEDLEDF14K31**
Lock for enclosure	1242E	**NSYAEDL1242K31**
Lock for enclosure	405E	**NSYAEDL405K31**
Lock for enclosure	455E	**NSYAEDL455K31**

Locks for Enclosure

- > H 600
- With captive key.
- Material: Polyamide handle, metal connecting rods and cam
- For door with hinges on the right side, not reversible, opening in opposite direction available on demand

Supply:
3-point lock with 1 lock button and 1 cremone screw


NSYAEDLEDF9K33

Characteristics	Key lock	References
Lock for enclosure	EDF 900	**NSYAEDLEDF9K33**
Lock for enclosure	EDF 1300	**NSYAEDLEDF13K33**
Lock for enclosure	EDF 1400	**NSYAEDLEDF14K33**
Lock for enclosure	1242E	**NSYAEDL1242K33**
Lock for enclosure	405E	**NSYAEDL405K33**
Lock for enclosure	455E	**NSYAEDL455K33**

Padlocking Lug

- Securing of enclosure access.
- Material: White galvanized steel


NSYAEDLPADS3DK3

Characteristics	References
Padlocking lug	**NSYAEDLPADS3DK3**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

PanelSeT S3D 6G: Wall-Mounted Enclosures

Dimensions

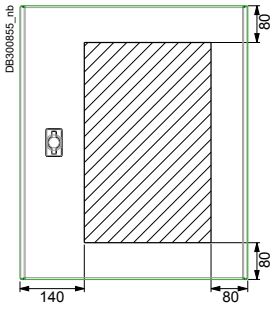
Special Dimensions

Height	Width					
	250 (9.84)	300 (11.81)	400 (15.75)	500 (19.68)	600 (23.62)	800 (31.50)
1200 (47.24)	-	-	-	-	200 (7.87) / 250 (9.84) / 300 (11.81) / 400 (15.75)	200 (7.87) / 250 (9.84) / 300 (11.81) / 400 (15.75)
1000 (39.37)	-	-	-	-	200 (7.87) / 250 (9.84) / 400 (15.75)	200 (7.87) / 250 (9.84) / 300 (11.81) / 400 (15.75)
800 (31.50)	-	-	200 (7.87) / 250 (9.84) / 300 (11.81)	200 (7.87) / 250 (9.84) / 300 (11.81)	200 (7.87) / 250 (9.84) / 400 (15.75)	200 (7.87) / 250 (9.84) / 300 (11.81)
700 (27.56)	-	-	200 (7.87) / 250 (9.84) / 300 (11.81)	200 (7.87) / 300 (11.81)	200 (7.87) / 250 (9.84) / 300 (11.81) / 400 (15.75)	-
500 (19.68)	200 (7.87)	150 (5.91) / 200 (7.87) / 250 (9.84)	200 (7.87) / 250 (9.84) / 300 (11.81)	200 (7.87) / 250 (9.84) / 300 (11.81)	-	-
400 (15.75)	150 (5.91) / 200 (7.87)	150 (5.91) / 250 (9.84)	-	-	-	-
300 (11.81)	150 (5.91) / 200 (7.87)	150 (5.91) / 200 (7.87) / 250 (9.84)	-	-	-	-

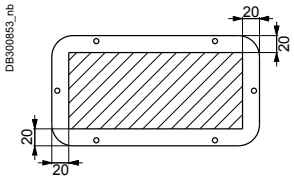
Cut-Outs

Customization Areas

Door

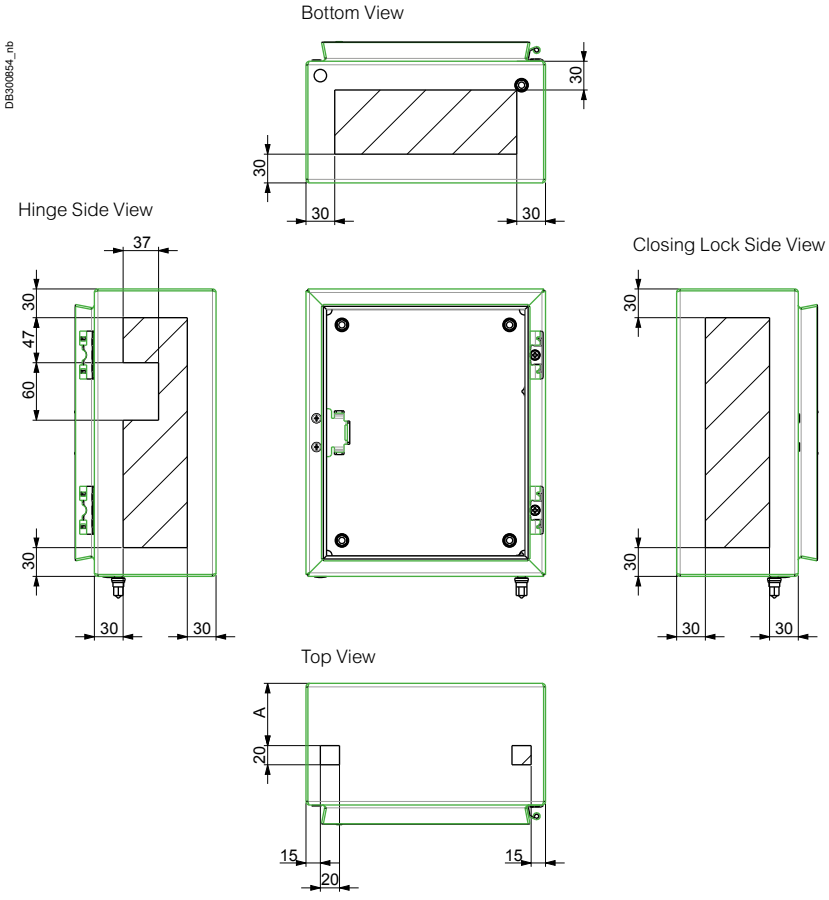


Entry Flange



Depth	A
150 (5.91)	65
200 (7.87)	82
250 (9.84)	98
300 (11.81)	115
400 (15.75)	148

Casing



Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

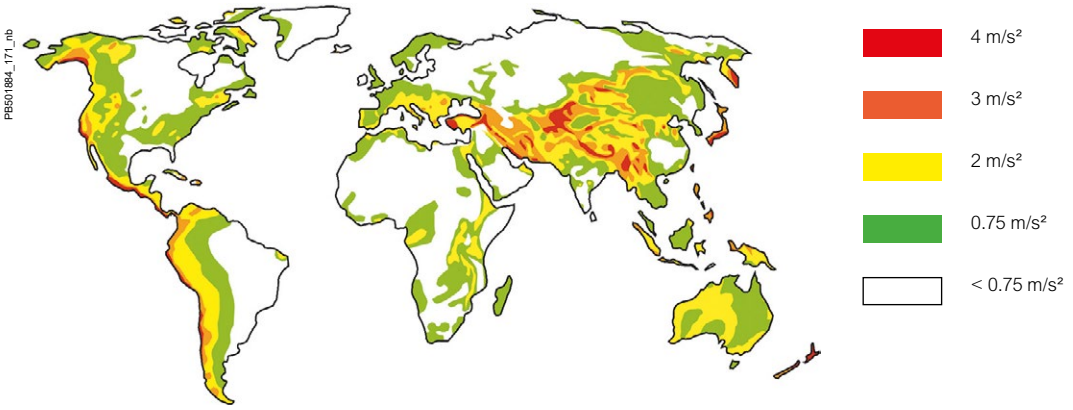
Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Seismic Environments

PanelSeT SFN 6G and 3G

General Information

Earthquakes are highly specialized phenomena that demand expert-level understanding. The following two pages will provide an overview of seismic topics



4

Seismic risk is worldwide. Maps that describe the maximum ground accelerations with a low probability to be exceeded in a specific time interval, are available to illustrate it. Ground accelerations are therefore basic data that can be used to compare risks by localizations.
Each project must check at the localization installation of their building if specific design requirements for seismic withstand must be implemented. All countries close to faults should be specially checked.

Earthquakes are events that can cause a lot of structural damage so building have to be designed to withstand those constraints.
Inside those building are our electrical equipment which are considered as nonstructural devices. According to the level of criticity of those equipment those nonstructural devices must be able to withstand mechanically and sometimes functionally the seismic waves transmitted by the ground to the building to its anchoring points.

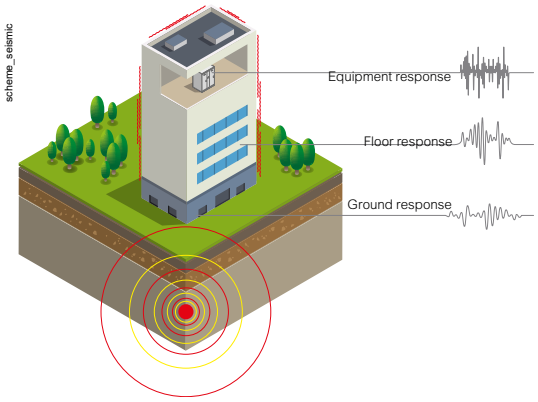
In specific building such as data centers, power plants, nuclear plant… it is often mandatory that electrical enclosures will be able to function after earthquake without causing damage to people and without needing to be replaced.

The seismic level an electrical enclosure has to withstand is not directly the ground acceleration as the building will affect the seismic waves transmitted to the equipment. The point within the earth where an earthquake rupture starts is the focus or hypocenter. From this point the seismic waves is transmitted.

To define the seismic resistance of equipment, it is necessary to take into account the geological characteristics of the ground and the behavior of the building and compare these with the equipment's seismic performances.

Each country/region has their own standards that are different enough to the extent that it is not straightforward to compare them. Those standard mainly focus more on building than electrical installation. Moreover, the location and the building where the electrical enclosures are installed can also impact the seismic level the enclosures has to withstand.

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.



Geology Equivalence between scales characterizing the earthquake		
MSK	**Richter**	**IEC 60068-3-3 (ground acc.)**
<VIII	< 5.5	2 m/s²
VIII to IX	≥ 5.5 and ≤ 7	3 m/s²
>IX	> 7	5 m/s²

Definitions

- **MSK scale:** is a measure of the size of the earthquake based on the effects it produces on people, objects, buildings, nature and terrain.
  For example, considering damage to buildings:
  - Grade VII: Some buildings with metal or concrete structures suffer light damage.
  - Grade X: Many buildings with metal or concrete structures suffer destruction and some collapse.
- **Richter scale:** It represents the seismic energy released in each earthquake and is based on the seismographic record. It is a scale that grows in a potential or semi-logarithmic manner, so that each point increase can mean an increase in energy ten or more times greater.
  - Between 3.5 and 5.4, it is an earthquake that is often felt, but only causes minor damage.
  - Between 7.0 and 7.9, it is a major earthquake that causes serious damage.

The same earthquake will have a different value according to the MSK scale depending on the place it affects due to the different seismic resistance of its constructions, but it will have the same value according to the Richter scale.

- **Ground acceleration:** Acceleration resulting from an earthquake.
  Note: In practice, ground acceleration can be broken down into horizontal and vertical components.
- **Floor acceleration:** Acceleration measured on a particular floor in a building (at the location of an equipment item).
  Note: In practice, floor acceleration can be broken down into horizontal and vertical components.
- **Equipment acceleration:** Acceleration resulting at the anchoring points of an equipment.
- **Building codes level:** set of regulations and requirement that lead structural design and calculation methods for building.

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Panel**SeT** SFN 6G: Floor-Standing Enclosures

Introduction



SFN tested for Nuclear application:
- Enclosure designed to be installed in zone under critical seismic level
- Recommended for UBC zone 4 (this is a widely used building code despite not being in force)
- PanelSeT SFN 6G have been tested with a plain mounting plate and PanelSeT SFN 6G IT with 19 inches fix upright.

PanelSeT SFN 6G and PanelSeT SFN 6G IT have been tested to the standards:
- IEC 60068-2-57
- IEC 60068-3-3
- CRT 91 C 112 01 - EDF

Tested seismic level:
- 6G CRT EDF (tested Zero Period Acceleration at twice the value required CRT 91 C 112 01 - EDF _ Nuclear application
- Air Crash Test (5g Zero Period Acceleration), according to CRT 91 C 112 01 - EDF method, 4 seconds and triaxial test

Description:
- Integrated plinth 100 (3.94) mm (in.)
- Material: Steel
- Ingress protection rating: SFN 6G: UL NEMA ratings type 1/2/12
- Mechanical protection rating: IK10 according to IEC 62262
- UL50E types 1, 12
- Maximum load: 130 (286.6) kg (lbs.) in Panel**SeT** SFN 6G (depends on the size), 140 (308.6) kg (lbs.) in Panel**SeT** SFN 6G IT (depends on the size)

Note: nuclear application sequence is 5 times 50% final seismic levels and once full seismic level.

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

PanelSeT SFN 6G: Floor-Standing Enclosures

Introduction



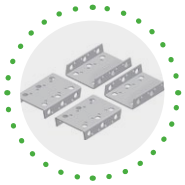
Panels with reinforced fixations

- 12 fastening points by M6 screws per panel



Reinforced Plinths

- 100 (3.94) mm (in.) height
- Floor fixing: minimum 6 fastening points by M12 screws
- Fixing from inside and outside the enclosure



Coupling kit tested

- Coupling kit to allow coupling of SFN, choices of sizes in table 1



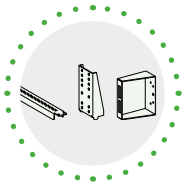
Security locking system

- Seismic locking system
- Special connecting rods and handle to help prevent any accidental door opening under severe vibration conditions



Reinforcement corners

- To strengthen the enclosure and respond to seismic risks
- To strengthen fastening of the side panels and rear panel
- To fasten the door connecting rods



19 inches kit

- Set to install 19 inches uprights
- Available for width 600 (23.62) and 800 (31.50)
- Available Height see table 3

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Panel**SeT** SFN 6G: Floor-Standing Enclosures

Characteristics



NSYSF6G20680

Supply:
Catalog sizes available : Ht 2000 (78.74) W 800 (31.50) D600 (23.62)
(other sizes available on demand see sizes table 1)
- Color: RAL 7035
- Plinth Color: RAL 7022

Composed of:
- Framework
  - 4 uprights
  - 1 lower frame
  - 1 upperframe with roof
- 1 rear panel
- 8 multi-purpose reinforcement corners
- 8 cross-rails fastened to the framework contributing to the seismic resistance (3 left, 3 right, 2 rear)
- Monobloc Plinth 4 (0.16) mm (in.) thick 100 (3.94) mm (in.) high
- Door
  - Plain door with handle with 405 key lock (other lock available)
  - 3 fastening points with connecting rods
  - Door hinges on right, door not reversible (opposite direction available on request)
- 3 parts gland plate

Kit
- Mounting plate reinforcement kit or 19 inches reinforcement kit (Mounting plate nor 19 inches uprigths not included)

Coupling
- Option to couple SFN 6G enclosures with the coupling kits reference: **NSYSFBKR** and **NSYSFBK19**

Aesthetic
- Trim cap for 6 G panel fixing screws

Panel**SeT** SFN 6G for device installation on mounting plate (recommended sizes for nuclear application)

Description	Dimensions mm (in.)	References	Mounting plate	Reinforcement kit for mounting plate	Heavy cross rail
SFN 6G	2000 (78.74) x 800 (31.50) x 600 (23.62)	**NSYSFN6G20860**	**NSYMP208**	**NSYSFPB6G**	**NSYHLCR60**
SFN 6G	2000 (78.74) x 600 (23.62) x 800 (31.50)	Available on demand			
SFN 6G	2000 (78.74) x 800 (31.50) x 800 (31.50)	Available on demand			

Panel**SeT** SFN 6G IT and server application (19 in)

Description	Dimensions mm (in.)	References	Vertical upright	Reinforcement kit for 19 inches
SFN 6G IT width 800 (31.50)	2000 (78.74) x 800 (31.50) x 600 (23.62)	**NSYSFN6G20860**	**NSYRCK42** (x2)	**NSYRCK19KITN6G**
SFN 6G IT width 600 (23.62)	2000 (78.74) x 600 (23.62) x 800 (31.50)	Available on demand	**NSYRCK42** (x2)	**NSYRCK19KIT6G**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

PanelSeT SFN 6G: Floor-Standing Enclosures

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

PanelSeT SFN 6G: Floor-Standing Enclosures

Accessories



Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Mounting Accessories

1



Side panels

See details p. 250

2



Mounting plates

See details p. 250

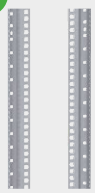
3



Rails for heavy load

See details p. 250

4

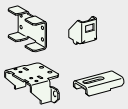


19” fixes uprights

See details p. 251

Other Accessories

5



Reinforced fixing kit for mounting plate

See details p. 250

6



Trim cap for panels

See details p. 250

7



Optional locks

See details p. 251

> For more information consult the Accessories chapter **page 342**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

PanelSeT SFN 6G: Floor-Standing Enclosures

Accessories

PanelSeT SFN 6G for Seismic Risks

Side Panels


NSY6G2SP204

- Material: Steel
- Installation: 12 fastening points

Supply:
2 side panels and fasteners

Characteristics	Height mm (in.)	Depth mm (in.)	References
Side panel	2000 (78.74)	600 (23.62)	**NSY6G2SPN206**

Mounting Plate

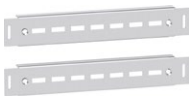

NSYMP206

- Material: Galvanized steel
- Installation: Mounting plate to be installed with **NSYSFPB6G** fastening kit + **NSYHLCR●●** cross-rails

Supply:
1 mounting plate and sliding shoes

Characteristics	Height of the enclosure mm (in.)	Width of the enclosure mm (in.)	Height mm (in.)	Depth mm (in.)	References
Mounting plate	2000 (78.74)	800 (31.50)	1897 (74.69)	696 (27.40)	**NSYMP208**

Rails for Heavy Load

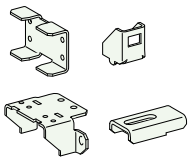

NSYHLCR40

- Material: Zinc-coated steel

Supply:
2 cross-rails and fixing elements

Characteristics	Depth mm (in.)	References
Rails for heavy load	600 (23.62)	**NSYHLCR60**

Reinforced Fixing Kit for Mounting Plate


NSYSFPB6G

- Material: Steel

Supply:
6 anti-vibration supports
4 mounting brackets
4 supports
2 connectors and fixing elements

Characteristics	References
Reinforced fixing kit for mounting plate	**NSYSFPB6G**

Trim Cap for SF 6G Panels


NSYCSP6G

- Material: Plastic

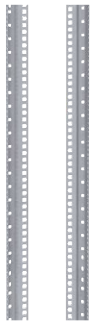
Supply:
50 units

Characteristics	References
Trim cap for SF 6G panels	**NSYCSP6G**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

PanelSeT SFN 19 inches width 800 (31.50)

19" Fixed Uprights



NSYRCK42

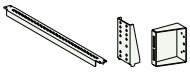
- Uprigth designed to be assembled on enclosures 800 (31.50) width (width 600 (23.62) on demand).
- Material: Zinc-coated steel
- Fixing: To fasten the 19" uprights
- It is necessary to use the fixing kit **NSYRCK19KITN6G**

Note:
For a 19" seismic configuration,
4 uprights must be used

Supply:
2 uprights and fasteners,

Characteristics	References
19" fixed uprights	**NSYRCK42**

Uprights Fixing Kit



NSYRCK19KIT6G

- Material: Steel

Supply:
4 cross-rails
8 fastening brackets
12 reinforcements
Fixing elements

Characteristics	References
6G upright´s fixing kit for width 800 (31.50)	**NSYRCK19KITN6G**
6G upright´s fixing kit for width 600 (23.62) (enclosure on demand)	**NSYRCK19KIT6G**

Optional Locks for Enclosure



NSYAEDLEDF9K33

- With captive key.
- Material: Polyamide handle, metal connecting rods and cam
- For door with hinges on the right, for opening opposite available on demand

Supply:
3-point lock with
1 lock button and
1 cremone screw

Characteristics	References
Optional lock for enclosure, EDF 900	**NSYAEDLEDF9K33**
Optional lock for enclosure, EDF 1300	**NSYAEDLEDF13K33**
Optional lock for enclosure, EDF 1400	**NSYAEDLEDF14K33**
Optional lock for enclosure, 1242E	**NSYAEDL1242K33**
Optional lock for enclosure, 405E	**NSYAEDL405K33**
Optional lock for enclosure, 455E	**NSYAEDL455K33**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

PanelSeT SFN 6G: Floor-Standing Enclosures

Dimensions

SFN possible sizes for Nuclear application

Indication of sizes with maximum weight installed:

- Fixation to the floor with conical washer and large flat washer
- Load evenly distributed on the plate with center of gravuty at the middle height of the cabinet

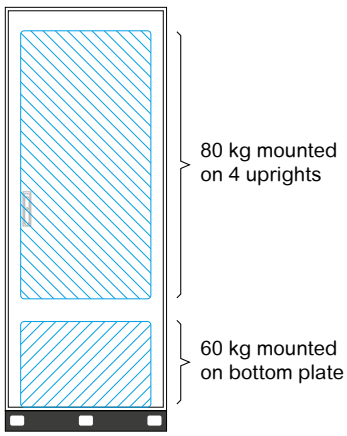
Dimensions mm (in.)		Width						
Height	Depth	300 (11.81)	400 (15.75)	500 (19.69)	600 (23.62)	700 (27.56)	800 (31.50)	1000 (39.37)
1200 (47.24)	400 (15.75)							
	500 (19.69)							
	600 (23.62)				75 (2.95)	75 (2.95)	75 (2.95)	
	800 (31.50)				75 (2.95)	75 (2.95)	75 (2.95)	
	1000 (39.37)							
1400 (55.12)	400 (15.75)							
	500 (19.69)							
	600 (23.62)				90 (3.54)	90 (3.54)	90 (3.54)	
	800 (31.50)				90 (3.54)	90 (3.54)	90 (3.54)	
	1000 (39.37)							
1600 (62.99)	400 (15.75)							
	500 (19.69)							
	600 (23.62)				100 (3.94)	100 (3.94)	100 (3.94)	
	800 (31.50)				100 (3.94)	100 (3.94)	100 (3.94)	
	1000 (39.37)							
1800 (70.87)	400 (15.75)							
	500 (19.69)							
	600 (23.62)				115 (4.53)	115 (4.53)	115 (4.53)	
	800 (31.50)				115 (4.53)	115 (4.53)	115 (4.53)	
	1000 (39.37)							
2000 (78.74)	400 (15.75)							
	500 (19.69)							
	600 (23.62)				130 (5.12)	130 (5.12)	130 (5.12)	
	800 (31.50)				130 (5.12)	130 (5.12)	130 (5.12)	
	1000 (39.37)							
2200 (86.61)	400 (15.75)							
	500 (19.69)							
	600 (23.62)				130 (5.12)	130 (5.12)	130 (5.12)	
	800 (31.50)				130 (5.12)	130 (5.12)	130 (5.12)	
	1000 (39.37)							

Size on demand for single enclosure

Size on demand for coupling
Minimum foot print of coupled enclosures:
600 (23.62) x 600 (23.62)

Not covered

SFN IT: Table of size validated for 6G performance with installed weight of 140 (308.6) kg (lbs.) as picture underneath.



Distribution of maximum weights for the case of 140 (308.6) kg (lbs.). For the rest of the cases:

- 120 (264.6) kg (lbs.): 60 (132.3) kg (lbs.) on racks + 60 (132.3) kg (lbs.) on the base
- 120 (264.6) kg (lbs.): 40 (88.2) kg (lbs.) on racks + 60 (132.3) kg (lbs.) on the base

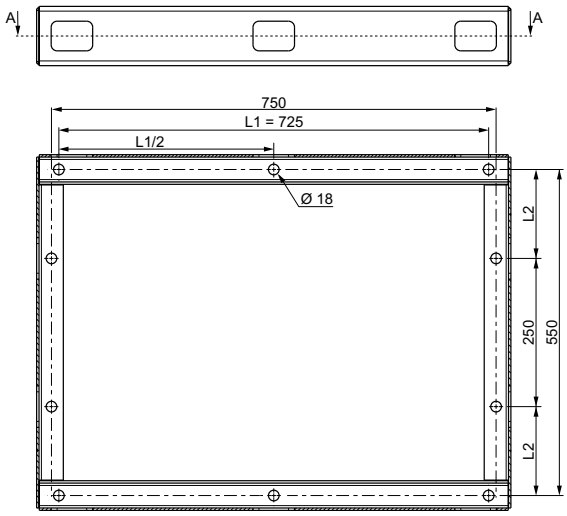
Dimensions mm (in.)		Width	
Height	Depth	600 (23.62)	800 (31.50)
1200 (47.24)	600 (23.62)	100 (3.94)	120 (4.72)
	800 (31.50)	100 (3.94)	120 (4.72)
1800 (70.87)	600 (23.62)	140 (5.51)	140 (5.51)
	800 (31.50)	140 (5.51)	140 (5.51)
2000 (78.74)	600 (23.62)	140 (5.51)	140 (5.51)
	800 (31.50)	140 (5.51)	140 (5.51)
	1000 (39.37)		

- Fixing to the floor with conical washer and large flat washer.
- 60 (132.3) kg (lbs.) on the base and the rest of the racks screwed into the 4 profiles.
- Total weight of racks with center of gravity at half height.
- Minimum 4 racks with maximum weight per rack of 20 (44.1) kg (lbs.). If less, trays screwed to the 4 profiles must be put in place, until the minimum of 4.

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Technical information

Floors fixing dimensions



Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

PanelSeT SFN 3G: Floor-Standing Enclosures

Characteristics

SFN for Low to Medium Seismic Level

Tests performed on SFN offer



The offer PanelSeT SFN have been tested to the Standard :
- IEC 60068-2-57
- IEC 60068-3-3

Tested seismic level for equipment :
- 2G level with (0.65 g Zero Period Acceleration)
- 2.5G level with (0.85 g Zero Period Acceleration)
- 3G Schneider Electric level with (1.2 g Zero Period Acceleration)

We have 4 categories of PanelSeT offers with 3G performances:
- SFN 3G
- SFN 3G reinforced
- SFN IT 3G
- PrismaSeT HD 3G

SFN 3G for device installation on mounting plate



To build a SFN in conformity to seismic performances it is necessary to use the following elements.

Composition:
- SFN standard enclosures, size to choose within the table 1 or 2
- Plinth ht 100 (3.94) mm (in.)
- 4 screws M12 x 30 (1.18) mm (in.) for fixation between structure and plinth in addition to the standard fixations

Table 1: SFN one door
Table 2: SFN 2 doors

To increase the weight installed, use the 3G reinforcement kit and 2 heavy cross rails NSYHLCR•••.
(••• according to depth of the enclosure)

Description	Reference
Reinforcement kit for 3G performance for SFN with mounting plate	**NSYSFNRB3G**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

PanelSeT SFN 3G: Floor-Standing Enclosures

Dimensions

Schneider goes beyond the basic mechanical strength of the enclosure and protects the devices installed inside it. During an earthquake that can apply a 3G acceleration to the enclosure, the acceleration on the mounting plate and therefore on the devices mounted on it can greatly exceeds the 3G value, so Schneider uses two strategies to limit this amplification of the acceleration:

- Reduce the permissible load on the mounting plate
- Consider a higher permissible load by installing the reinforcement kit which, by securing the mounting plate at additional points, limits the amplification of the acceleration passed

This is especially important in components with electronics, moving parts… or in applications where functionality must be ensured at all times such as hospitals, nuclear…
Taking this into account, the following tables indicates the sizes with the maximum weight to be installed for the two previous cases.

Table 1: SFN one door

Indication of sizes with maximum weight installed.

- Fixation to the floor with conical washer and large flat washer.
- Load evenly distributed on the plate with center of gravity at the middle height of the cabinet.

Dimensions mm (in.)		Width						
Height	Depth	300 (11.81)	400 (15.75)	500 (19.69)	600 (23.62)	700 (27.56)	800 (31.50)	1000 (39.37)
600 (23.62)	400 (15.75)							
	500 (19.69)							
	600 (23.62)				•	•	•	•
	800 (31.50)				•	•	•	•
	1000 (39.37)				•	•	•	•
800 (31.50)	400 (15.75)							
	500 (19.69)							
	600 (23.62)				•	•	•	•
	800 (31.50)				•	•	•	•
	1000 (39.37)				•	•	•	•
1000 (39.37)	400 (15.75)							
	500 (19.69)							
	600 (23.62)				•	•	•	•
	800 (31.50)				•	•	•	•
	1000 (39.37)				•	•	•	•
1200 (47.24)	400 (15.75)							
	500 (19.69)							
	600 (23.62)				75 (2.95) [60 (2.36)]	90 (3.54) [60 (2.36)]	105 (4.13) [80 (3.15)]	135 (5.31) [80 (3.15)]
	800 (31.50)				75 (2.95) [60 (2.36)]	90 (3.54) [60 (2.36)]	105 (4.13) [80 (3.15)]	135 (5.31) [80 (3.15)]
	1000 (39.37)				60 (2.36) [50 (1.97)]	80 (3.15) [60 (2.36)]	100 (3.94) [70 (2.76)]	100 (3.94) [70 (2.76)]
1400 (55.12)	400 (15.75)							
	500 (19.69)							
	600 (23.62)				90 (3.54) [60 (2.36)]	105 (4.13) [60 (2.36)]	125 (4.92) [90 (3.54)]	140 (5.51) [90 (3.54)]
	800 (31.50)				90 (3.54) [60 (2.36)]	105 (4.13) [60 (2.36)]	125 (4.92) [90 (3.54)]	140 (5.51) [90 (3.54)]
	1000 (39.37)				80 (3.15) [60 (2.36)]	80 (3.15) [60 (2.36)]	100 (3.94) [70 (2.76)]	100 (3.94) [70 (2.76)]
1600 (62.99)	400 (15.75)							
	500 (19.69)							
	600 (23.62)				100 (3.94) [60 (2.36)]	120 (4.72) [60 (2.36)]	140 (5.51) [100 (3.94)]	140 (5.51) [100 (3.94)]
	800 (31.50)				100 (3.94) [60 (2.36)]	120 (4.72) [60 (2.36)]	140 (5.51) [100 (3.94)]	140 (5.51) [100 (3.94)]
	1000 (39.37)				80 (3.15) [60 (2.36)]	80 (3.15) [60 (2.36)]	100 (3.94) [70 (2.76)]	100 (3.94) [70 (2.76)]
1800 (70.87)	400 (15.75)							
	500 (19.69)							
	600 (23.62)		•		115 (4.53) [60 (2.36)]	120 (4.72) [60 (2.36)]	140 (5.51) [100 (3.94)]	140 (5.51) [100 (3.94)]
	800 (31.50)		•		115 (4.53) [60 (2.36)]	120 (4.72) [60 (2.36)]	140 (5.51) [100 (3.94)]	140 (5.51) [100 (3.94)]
	1000 (39.37)				80 (3.15) [60 (2.36)]	80 (3.15) [60 (2.36)]	100 (3.94) [70 (2.76)]	100 (3.94) [70 (2.76)]
2000 (78.74)	400 (15.75)							
	500 (19.69)							
	600 (23.62)	•	•		120 (4.72) [60 (2.36)]	120 (4.72) [60 (2.36)]	140 (5.51) [100 (3.94)]	140 (5.51) [100 (3.94)]
	800 (31.50)	•	•	•	120 (4.72) [60 (2.36)]	120 (4.72) [60 (2.36)]	140 (5.51) [100 (3.94)]	140 (5.51) [100 (3.94)]
	1000 (39.37)				80 (3.15) [60 (2.36)]	80 (3.15) [60 (2.36)]	100 (3.94) [70 (2.76)]	100 (3.94) [70 (2.76)]
2200 (86.61)	400 (15.75)							
	500 (19.69)							
	600 (23.62)		•		120 (4.72)	120 (4.72)	120 (4.72)	75 (2.95)
	800 (31.50)		•		120 (4.72)	120 (4.72)	120 (4.72)	75 (2.95)
	1000 (39.37)				80 (3.15)	80 (3.15)	80 (3.15)	60 (2.36)

xxx Value in kg (lbs.) for SFN with reinforcement kit

[xxx] Value in kg (lbs.) for SFN without kit

Size available in catalogue premounted or kit (consult us for weight)

• Specific size on demand

• Size standard with coupling
foot print must be 600 by 600 or greater
Allowed load corresponding to the resulting foot print

Size available on demand with coupling
foot print must be 600 by 600 or greater
Allowed load corresponding to the resulting foot print

Not covered

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

PanelSeT SFN 3G: Floor-Standing Enclosures

Dimensions

SFN with double door sizes tested

Table 2: SFN 2 doors
Indication of sizes with maximum weight installed.

- Fixation to the floor with conical washer and large flat washer.
- Load evenly distributed on the plate with center of gravity at the middle height of the cabinet.

Dimensions mm (in.)		Width			
Height	Depth	800 (31.50)	1000 (39.37)	1200 (47.24)	1600 (62.99)
1800 (70.87)	400 (15.75)		130 (5.12) [100 (3.94)]	130 (5.12) [100 (3.94)]	
	500 (19.69)		130 (5.12) [100 (3.94)]	130 (5.12) [100 (3.94)]	
	600 (23.62)	140 (5.51) [100 (3.94)]	140 (5.51) [100 (3.94)]	85 (3.35) [65 (2.56)]	60 (2.36)
	800 (31.50)	140 (5.51) [100 (3.94)]	140 (5.51) [100 (3.94)]	85 (3.35) [65 (2.56)]	
	1000 (39.37)	100 (3.94) [70 (2.76)]	100 (3.94) [70 (2.76)]	70 (2.76) [50 (1.97)]	
2000 (78.74)	400 (15.75)		130 (5.12) [100 (3.94)]	130 (5.12) [100 (3.94)]	
	500 (19.69)		130 (5.12) [100 (3.94)]	130 (5.12) [100 (3.94)]	
	600 (23.62)	140 (5.51) [100 (3.94)]	140 (5.51) [100 (3.94)]	85 (3.35) [65 (2.56)]	60 (2.36)
	800 (31.50)	140 (5.51) [100 (3.94)]	140 (5.51) [100 (3.94)]	85 (3.35) [65 (2.56)]	
	1000 (39.37)	100 (3.94) [70 (2.76)]	100 (3.94) [70 (2.76)]	70 (2.76) [50 (1.97)]	

xxx Value in kg (lbs.) for SFN with reinforcement kit

[xxx] Value in kg (lbs.) for SFN without kit

3G

2.5 G

Not covered

4

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

PanelSeT SFN 3G: Floor-Standing Enclosures

Dimensions



To build a SFN 19 in conformity to seismic performances, use the following elements:

Composition

To compose a SFN 19 inches with 3G performance you need to order :
- SFN standard enclosures, size to choose within the table 3
- Kit seismic 3G. 19 inches width 600 (23.62) or 800 (31.50) mm (in.)
- 4 uprights
- Plinth ht 100 (3.94) mm (in.)
- 4 cross rail according to depth of the chosen enclosure

Composition of the kit seismic 3G for SFN 19 inches

- Four plinth corners´s reinforcement bracket.
- Additional Mounting Brackets top and bottom for 19 inches uprights
- Lateral fixing bracket for 19 inches upright W800 (31.50)
- 2 heavy cross rails installed at the bottom and at the top, in the direction of the width of the cabinet
- Fixing hardware

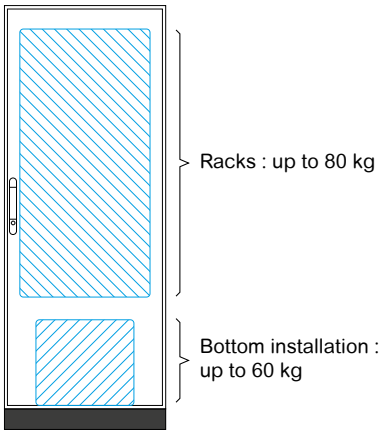
Description	References
19 inches reinforcement kit for 3G performance for SFN width 600 (23.62)	**NSYSFNRB6003G**
19 inches reinforcement kit for 3G performance for SFN width 800 (31.50)	**NSYSFNRB8003G**

Fixation to the floor

- Fixing to the floor with conical washer and large flat washer.

Loads repartition

- 60 (132.3) kg (lbs.) on the base and the rest of the racks screwed into the 4 profiles.
- Total weight of racks with center of gravity at half height.
- Minimum 4 racks with maximum weight per rack of 20 (44.1) kg (lbs.). If less, trays screwed to the 4 profiles must be put in place, until the minimum of 4.



Distribution of maximum weights for the case of 140 (308.6) kg (lbs.).
For the rest of the cases:
- 120 (264.6) kg (lbs.): 60 (132.3) kg (lbs.) on racks + 60 (132.3) kg (lbs.) on the base
- 110 kg (lbs.): 50 kg (lbs.) on racks + 60 (132.3) kg (lbs.) on the base
- 100 kg (lbs.): 40 (88.2) kg (lbs.) on racks + 60 (132.3) kg (lbs.) on the base

Table 3: SFN 19 inches

Dimensions mm (in.)		Width	
Height	Depth	600 (23.62)	800 (31.50)
1200 (47.24)	600 (23.62)	100 kg (lbs.)	120 (264.6) kg (lbs.)
	800 (31.50)	120 (264.6) kg (lbs.)	120 (264.6) kg (lbs.)
1800 (70.87)	600 (23.62)	110 kg (lbs.)	140 (308.6) kg (lbs.)
	800 (31.50)	140 (308.6) kg (lbs.)	140 (308.6) kg (lbs.)
2000 (78.74)	600 (23.62)	110 kg (lbs.)	140 (308.6) kg (lbs.)
	800 (31.50)	140 (308.6) kg (lbs.)	140 (308.6) kg (lbs.)
	1000 (39.37)	110 kg (lbs.)	110 kg (lbs.)

3G : one door on the front
2.5G: one door on the front and one on back
Maximum weight of installed devices in kg (lbs.)

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Specific Applications

Explosive Atmospheres

Panel**SeT** S3DEX

PB501817_54_nb



Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Panel**SeT** S3DEX

Introduction	**260**
Characteristics	**265**
Accessories	**266**
Dimensions	**268**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

PanelSeT S3DEX

Introduction





Industrial Environments, Equipment Rooms

The PanelSeT S3DEX steel enclosure is certified by the LCIE with no. LCIE 02ATEX0037U (component certification).

- Ten sizes: From 300 (11.81) x 200 (7.87) x 150 (5.91) mm (in.) to 1000 (39.37) x 800 (31.50) x 300 (11.81) mm (in.).
- Degree of protection: IP66 according to IEC 60529.
- Ambient temperature range: -20°C (-4°F) ≤ Ta ≤ +40°C (104°F).
- Resistance to external mechanical impacts: IK10.
- Structured finish, epoxy polyester powder paint, RAL 7035 gray.

Note:

In accordance with the ATEX directive

- The enclosures bear the marking shown on page 491.
- The enclosures offer a degree of protection of IP66 according to EN 60529, reaching the highest dust protection according to ATEX standards.
- The certification of our production sites and inspection procedures guarantees the observance and regularity of the quality level.

Protection of all applications in ATEX II2 or II3 areas

- Thanks to ATEX-certified steel.

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.



Enhanced Safety
- Blind nut for external earth connection



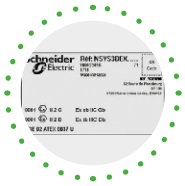
- Earthing studs welded to the door and inside the body



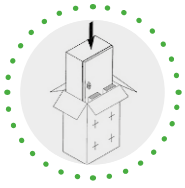
Robustness
- The chassis is mounted on four 10 (0.39) mm (in.) shouldered backstuds



- The 4 fixing holes are blocked by 4 crimped blind nuts



Labelling
- Example of specific ATEX marking (description: page 491)



Easy Handling
- Reusable, eco-friendly packaging
- No sharp edges

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

ATEX Enclosures from Schneider Electric

Steel enclosures

- All the wall-mounted enclosures presented in this brochure comply with standards for protection against the potential risk of explosion in atmospheres containing gas (G) or dust (D).
- The Schneider Electric offer, designed to be used in group II, is classified as category 2.

Protection of equipment against explosion			ATEX	
Group *	Category	Level	Probability	Zone
I	M1	Very high	Permanent	0 / 20
I	M2	High	Occasional	1 / 21
II	1	Very high	Permanent	0 / 20
II	2	High	Occasional	1 / 21
II	3	Normal	Accidental	2 / 22

* I = equipment designed to be used in the mining and quarrying industries
II = equipment designed to be used in surface industries

Zone of application of Schneider Electric ATEX wall-mounted enclosures.

4

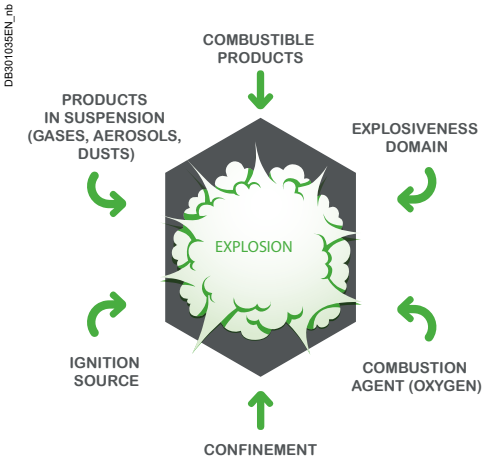
- Products of category 2 can be used as category 3.

Our products are certified:

- For gas environments: Increased safety "e" (Ex e) but not flameproof safety "d" (Ex d);
- For dust environments: Protection by enclosure "t" or "tb".
- The wall-mounted enclosures offer a degree of protection of NEMA Type 1/2/3/3R/4/4X/5/12/13, exceeding the recommendations of the ATEX directive.
- Certification of our production sites and inspection procedures guarantees observance and consistency of the quality level.

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Potentially Explosive Atmospheres (ATEX)



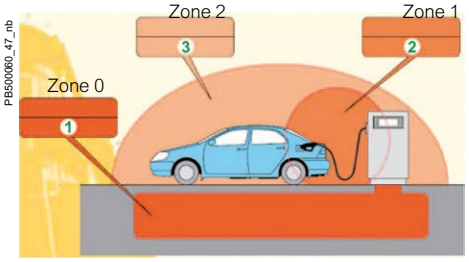
Explosion Hexagon

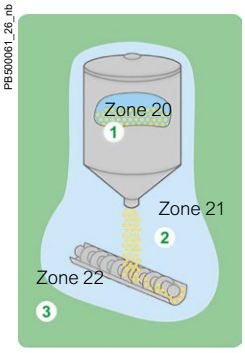
Definition

Product directive 2014/34/UE:
defines the manufacturers' obligations.

Personal protection directive 99/92/CE:
defines the users' obligations.

Degree of protection:
In hazardous areas, equipment is required to offer a minimum degree of protection of IP54, but it can be tested or certified for a higher degree of protection.





Process Leading to an Explosion in an Explosive Atmosphere

For an explosion to occur, six conditions must be met simultaneously (see explosion hexagon opposite). The process is as follows:

- Mixing combustible substances (gases, dusts) with air whose oxygen acts as combustion agent;
- Dosing of combustible products and combustion agents in precise proportions; thereby obtaining a potentially explosive atmosphere;
- Confining the explosive atmosphere thus obtained in a place conducive to explosion;
- Exposing it to an ignition source having sufficient energy to cause an explosion.

ATEX Regulations

Two EU directives and an international standard regulate potentially explosive atmospheres:

- The objective of the two EU directives (the so-called ATEX directives) is to enhance protection from explosions by making various technical and organizational measures compulsory:
- The 2014/34/EU directive (a revision of the 94/9/EC directive) came into application on 20 April 2016. It describes the requirements that must be met by protection devices and systems, and the conformity assessment procedures;
- The 99/92/EC directive, a labour relations supplement to the preceding one, presents the minimum requirements to be met to improve the protection of workers liable to be exposed to ATEX-related risks.

- An IEC international standard harmonized with the European standard EN:
- IEC 60079: electrical equipment for potentially explosive gaseous atmospheres.

Classification

Locations liable to be in the presence of an explosive atmosphere have been classified according to 2 criteria:

- The probability assessed on a scale comprising 3 levels;
- The nature of the combustible product.

The following 6 ATEX zones are obtained:

Probability of an explosive atmosphere	Gas / vapor or mist	Dust
Place in which an explosive atmosphere is present **constantly**, or for long periods or frequently	Zone 0	Zone 20
Place in which an explosive atmosphere is likely to occur **occasionally** in normal operation	Zone 1	Zone 21
Place in which an explosive atmosphere is not likely to occur in normal operation or, if it does occur, will persist for a **short period** only	Zone 2	Zone 22

Equipment installed in an explosive-atmosphere zone must be protected against the risk of explosion. Three levels of protection have been defined, corresponding to the three probabilities of existence of an explosive atmosphere. They are broken down into 5 categories depending on the type of industry.

Protection of equipment against explosions			ATEX	
Group *	Category	Level	Probability	Zone
I	M1	Very high	Permanent	0 / 20
I	M2	High	Occasional	1 / 21
II	1	Very high	Permanent	0 / 20
II	2	High	Occasional	1 / 21
II	3	Normal	Accidental	2 / 22

* I = equipment designed to be used in the mining and quarrying industries
II = equipment designed to be used in surface industries

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Explosive Atmospheres
PanelSeT S3DEX
Introduction

Protection of Electrical Equipment

The standards define various methods of protection for electrical equipment according to the application in explosive atmospheres containing gas or dust.

Electrical equipment		ATEX	Methods of protection	
CENELEC	IEC		Symbol	Title
EN 50015	IEC 60079-6	G, D	o	Immersion in oil
EN 50016	IEC 60079-2	G, D	p	Enclosures with internal overpressure
EN 50017	IEC 60079-5	G, D	q	Filling with powder product
EN 60079-1	IEC 60079-1	G, D	d	Explosion-proof enclosures
EN 60079-7	IEC 60079-7	G, D	e	Increased safety "e"
EN 50020	IEC 60079-11	G, D	i	Intrinsic safety
EN 60079-15	IEC 60079-15	G, D	n	Product design
EN 60079-31	IEC 60079-31	G, D	tD	Protection by enclosure "t"

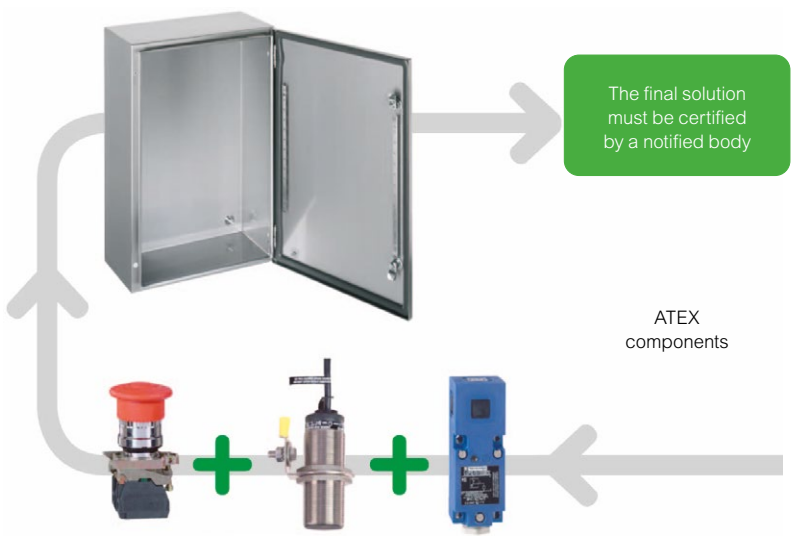
G = gas / vapor or mist
D = dust

4

ATEX Certification of Electrical Switchboards

- Since 1 July 2003, the European Union has made it compulsory to use certified equipment (electrical or non-electrical) when it is to be installed in areas where the atmosphere is potentially explosive.
- The certification must be established by an approved organization in accordance with the 2014/34/EU directive.
- The organization certifies that the product complies with the health and safety requirements defined in the European directive and the international standards.
- The certificate indicates, via the marking, the product's category and accordingly the zone and the atmosphere in which it may be used.
- Enclosures are certified as components. They will be assembled with other ATEX components (electrical, pneumatic, hydraulic, etc.), to form a final solution which must itself be ATEX-certified and covered by a declaration of conformity.

PB500062_nb



Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

PanelSeT S3DEX

Protection for users

- Earthing: The PanelSeT S3DEX steel enclosures are provided with M6 x 16 earth studs welded to the casing and door for equipotential connection. Earth strap to be ordered separately.
- Closing: Enclosures higher than 600 (23.62) mm (in.) are provided with three locking points with connecting rods, with a single control point helping prevent the enclosures from being left half-open.

Casing

- Monobloc casing (cross-structure). Gutter-shaped front profile.
- 4 bottom shoulder studs M8 x 25 (0.98) mm (in.) for mounting the chassis and notched bars to provide a space of 10 (0.39) mm (in.) at the rear.

Door

- Standard fastening by 3 (0.12) mm (in.) double-bar lock
- Polyurethane door seal
- Double-thickness 20 (0.79) mm (in.) return conferring excellent rigidity;
- 2 concealed hinges (3 above H = 800 (31.50) mm (in.)) to facilitate dismounting and reversibility of the door. Opening angle: 120°
- Maximum load: 50 (110.23) kg (lbs.)/m².
- Perforated sections on the door, with holes of diameter 4.2 (0.16) mm (in.) every 25 (0.98) mm (in.) for mounting accessories:
- 2 vertical sections from H = 400 (15.75) mm (in.);
- 2 vertical sections and 2 horizontal sections from L = 800 (31.50) mm (in.).

Specific ATEX features

- 4 fastening holes closed by 4 crimped blind nuts.
- One crimped M8 blind nut for an external frame earth link (strap not provided)
- Ambient temperature: -20°C (-4°F) ≤ Ta ≤ +40°C (104°F)
- Marking: See page 491.
- Material: Steel
- Finish: Structured finish, epoxi-polyester powder painting
- Color: RAL 7035 gray
- Ingress protection rating: NEMA Type 1/2/3/3R/4/4X/5/12/13
- Mechanical protection rating: IK10 (enclosures with plain door) according to IEC 62262
- Fixing: Wall fixing lugs:



NSYS3DEX3215

Characteristics	Height mm (in.)	Width mm (in.)	Depth mm (in.)	References
PanelSeT S3DEX	300 (11.81)	200 (7.87)	150 (5.91)	**NSYS3DEX3215**
PanelSeT S3DEX	300 (11.81)	300 (11.81)	200 (7.87)	**NSYS3DEX3320**
PanelSeT S3DEX	400 (15.75)	300 (11.81)	200 (7.87)	**NSYS3DEX4320**
PanelSeT S3DEX	400 (15.75)	400 (15.75)	200 (7.87)	**NSYS3DEX4420**
PanelSeT S3DEX	500 (19.68)	400 (15.75)	200 (7.87)	**NSYS3DEX5420**
PanelSeT S3DEX	600 (23.62)	400 (15.75)	250 (9.84)	**NSYS3DEX6425**
PanelSeT S3DEX	600 (23.62)	600 (23.62)	250 (9.84)	**NSYS3DEX6625**
PanelSeT S3DEX	700 (27.56)	500 (19.68)	250 (9.84)	**NSYS3DEX7525**
PanelSeT S3DEX	800 (31.50)	600 (23.62)	300 (11.81)	**NSYS3DEX8630**
PanelSeT S3DEX	1000 (39.37)	800 (31.50)	300 (11.81)	**NSYS3DEX10830**

NOTICE

RISK OF STATIC CHARGE

The accessories of the PanelSeT standard wall-mounted enclosures can be installed in the PanelSeT S3DEX wall-mounted enclosures.

However, plastic accessories should not be used due to the risk of a static charge.

Failure to follow these instructions can result in equipment damage.

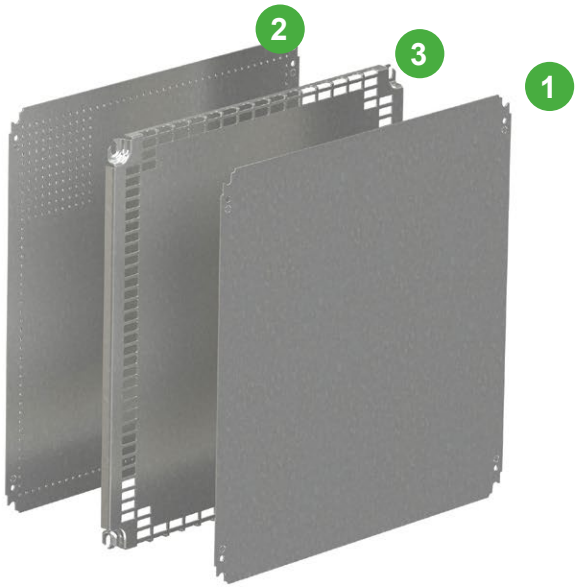
Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

PanelSeT S3DEX

Accessories







Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Mounting Accessories

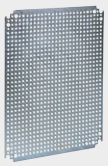
1



Plain mounting plate

See details p. 345

2



Microperforated mounting plate

See details p. 347

3



Telequick mounting plate

See details p. 346

4



Mixed symmetrical chassis

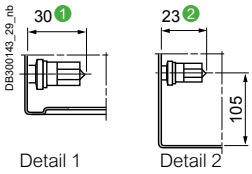
See details p. 379

> For more information consult the Accessories chapter **page 342**

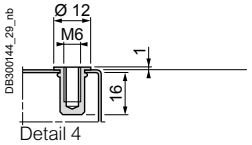
Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Dimensions

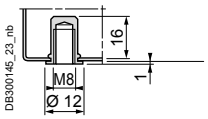
Single-Door Enclosure



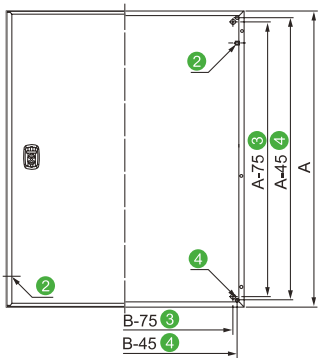
Detail 1 Detail 2

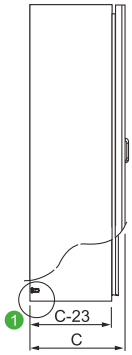


Detail 4
4 Crimped Blind Nuts for Direct Fixing of the Fixing Lugs



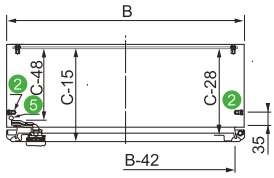
Detail 5
1 Crimped Blind Nut for the External Earth



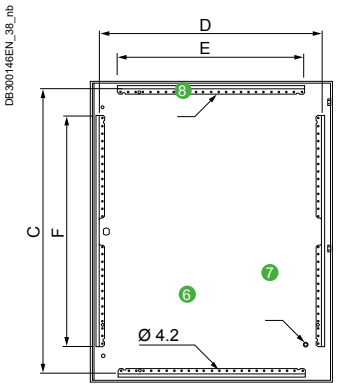


1 4 M8 x 25 (0.98) mm (in.) backstuds.
2 2 M6 x 17.5 (0.69) mm (in.) earthing studs.
3 Stud center-to-center distance.
4 Crimped blind nut center-to-center distance.
5 Blind nut for external earth.

A: Height
B: Width
C: Depth



Perforated Rails on the Door



Enclosure (8)		Perforated rails on the door mm (in.)			
Height (A) mm (in.)	Width (B) mm (in.)	Vertical F	Vertical D	Horizontal E	Horizontal C
400 (15.75)	300 (11.81)	320 (12.60)	237 (9.33)	-	-
400 (15.75)	400 (15.75)	320 (12.60)	337 (13.27)	-	-
600 (23.62)	400 (15.75)	370 (14.57)	337 (13.27)	-	-
600 (23.62)	600 (23.62)	370 (14.57)	537 (21.14)	-	-
700 (27.56)	500 (19.68)	470 (18.50)	437 (17.20)	-	-
800 (31.50)	600 (23.62)	570 (22.44)	537 (21.14)	-	-
1000 (39.37)	800 (31.50)	770 (30.32)	737 (29.02)	620 (24.41)	949 (37.36)

6 Perforations with a pitch of 25 (0.98) mm (in.).
7 1 M6 x 17.5 (0.69) mm (in.) earthing stud.
8 The doors of enclosures with dimensions less than 800 (31.50) x 600 (23.62) mm (in.) do not have horizontal cable guides.

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Specific Applications

Electro Magnetic Compatibility

Panel**SeT** S3HF

PB500205_46_nb



Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Panel**SeT** S3HF

Introduction	**272**
Characteristics	**274**
Accessories	**275**
Dimensions	**276**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

PanelSeT S3HF

Introduction



Wall-mounting S3HF is designed for sensitive applications requiring Electro-Magnetic Compatibility protection, enabling to operate without being disturbed, and without disturbing neighboring equipment or radio services by Electromagnetic Interference (E.M.I.).

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.



PanelSeT S3HF Wall-Mounted Enclosure
From 400 (15.75) x 300 (11.81) x 200 (7.87) mm (in.)
to 1200 (47.24) x 800 (31.50) x 300 (11.81) mm (in.) (W x D x H)

- Metal monobloc enclosures constructed from special ALU-ZINC sheet
- Body constructed from single folded and welded sheet
- The enclosure surface, comprising 55% aluminum, helps ensure good reflection of radiated electromagnetic interference
- C-UL-US certified with NEMA 1/2/3/3R/12/13
- Mechanical protection rating: IK10
- Structured finish, exclusively epoxy polyester paint on the outside
- RAL 7035 gray

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

PanelSeT S3HF

Characteristics

PanelSeT S3HF

- Single-piece metal enclosures made from special sheets of ALUZINC 150.
- The presence of 55% aluminum on the surface of the sheet metal helps ensure good reflection of electromagnetic waves.

Body

- Single-piece body, folded and welded,
- Entirely sealed body with no cable entry and no opening,
- Equipped with four shouldered backstuds allowing direct fixing of the mounting plate,
- Low resistivity for good earth continuity
- Direct fixing or using wall fixing lugs, ref. **NSYPFCR** (to be ordered separately).

Door

- The special body-door gasket (IP + EMC) provides, in addition to water and dust tightness, electric continuity between the door and the body of the enclosure,
- The metal lock with earth continuity helps improve the general shielding,
- An earthing braid added to the enclosure between the body and the door helps guarantee a good earth connection and, consequently, good electromagnetic compatibility,
- 3 (0.12) mm (in.) double-bar lock as standard delivery (if a 405 key is needed it is possible to mount ref. **NSYCLL405CRN**).
- Other sizes: Consult us.
- Finish: Structured finish, epoxy polyester powder (inside not painted)
- Color: RAL 7035 gray
- Ingress protection rating: IP55 according to IEC 60529
- Mechanical protection rating: IK10 according to IEC 62262
- Certifications and declarations: UL NEMA ratings Type 1/2/3R/12
- Fixing: Fixing lugs, ref. **NSYPFCR** to be ordered separately (1 set of 4 lugs)

For more details see page 276

Supply:
Enclosure delivered with galvanized mounting plate.



NSYS3HF4320P

Characteristics	Fig.	Weight kg (lbs.)	Width mm (in.)	Height mm (in.)	Depth mm (in.)	References
PanelSeT S3HF	1	7.5 (16.5)	300 (11.81)	400 (15.75)	200 (7.87)	**NSYS3HF4320P**
PanelSeT S3HF	2	13 (28.7)	400 (15.75)	600 (23.62)	200 (7.87)	**NSYS3HF6420P**
PanelSeT S3HF	2	20.5 (45.2)	600 (23.62)	600 (23.62)	250 (9.84)	**NSYS3HF6625P**
PanelSeT S3HF	2	32.8 (72.3)	600 (23.62)	800 (31.50)	300 (11.81)	**NSYS3HF8630P**
PanelSeT S3HF	2	53.2 (117.3)	800 (31.50)	1000 (39.37)	300 (11.81)	**NSYS3HF10830P**

Support Bracket for Enclosure with Anti-Tilt Kit and Reinforcement

- The support bracket is used when the enclosure cannot be mounted to a wall or post.
- Maximum enclosure dimensions: 1000 (39.37) x 800 (31.50) x 300 (11.81) mm.
- Floor attachment by standard M12 fasteners.
- Material: Steel
- Finish: Painted
- Color: RAL 7035 gray
- Maximum load: 120 (264.6) kg (lbs.)



NSYCOCNS1400

Characteristics	Height mm (in.)	References
Support bracket for enclosure with anti-tilt kit and reinforcement	1400 (55.12)	**NSYCOCNS1400**
Support bracket for enclosure with anti-tilt kit and reinforcement	1800 (70.87)	**NSYCOCNS1800**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

All mounting accessories are compatible with the SFN and SM standard range.
- Mounting plate (see page 350).
- Rails (see page 362).
- 19" frame (fixed and swing-out) (see page 212).

Earth Braids

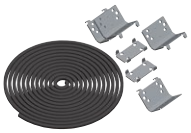

NSYEB156D6

- They help guarantee the earth connection for high frequencies, avoiding the disturbing electric currents that are produced.
- Material: Tinned copper.

Supply:
10 earth braids (nuts and washers not included)

Characteristics	Section (mm²)	Terminal Ø mm (in.)	Length mm (in.)	Width mm (in.)	References
Earth braids	6	6.5 (0.26)	150 (5.91)	12 (0.47)	**NSYEB156D6**
Earth braids	10	6.5 (0.26)	150 (5.91)	17 (0.67)	**NSYEB1510D6**
Earth braids	16	8.5 (0.34)	155 (6.10)	17 (0.67)	**NSYEB1516D8**
Earth braids	25	8.5 (0.34)	200 (7.87)	27 (1.06)	**NSYEB2025D8**
Earth braids	50	8.5 (0.34)	200 (7.87)	33 (1.30)	**NSYEB2050D8**

EMC Coupling Kit


NSYSFHFBK184

- Used to join enclosures side-by-side or back-to-back. Special gasket for EMC solution.
- Attenuation level is decreased by 5 db when enclosures are joined (please consult us).
- Ingress protection rating: IP55 according to IEC 60529.

Characteristics	Height mm (in.)	Depth mm (in.)	References
EMC coupling kit	1800 (70.87)	400 (15.75)	**NSYSFHFBK184**
EMC coupling kit	1800 (70.87)	600 (23.62)	**NSYSFHFBK186**
EMC coupling kit	2000 (78.74)	400 (15.75)	**NSYSFHFBK204**
EMC coupling kit	2000 (78.74)	600 (23.62)	**NSYSFHFBK206**
EMC coupling kit	2000 (78.74)	800 (31.50)	**NSYSFHFBK208**
EMC coupling kit	2000 (78.74)	1000 (39.37)	**NSYSFHFBK2010**
EMC coupling kit	2200 (86.61)	600 (23.62)	**NSYSFHFBK226**
EMC coupling kit	2200 (86.61)	800 (31.50)	**NSYSFHFBK228**

EMC Cable Gland with Contact Spring


NSYCGHF12

- Thread type: Metric EN 60423, other types are available upon request
- Material: Nickel-plated brass, neoprene gasket
- Ingress protection rating: IP66 according to IEC 60529
- Flame resistance: UL94 V-2
- Temperature range: -20°C (-4°F) to + 100°C (212°F)
- Cable type: Unshielded

Supply:
The cable glands are supplied with nuts.
Pack of 10 (M12 and M16), of 5 (M20 and M25), of 4 (M32 and M40)

Characteristics	Ø	Ø min/max	Drill Ø	TD	TL	Wrench width mm (in.)	References
New EMC cable gland with contact spring	M12	3/6.5	12 to 12.2	12	6	14 (0.55)	**NSYCGHF12**
New EMC cable gland with contact spring	M16	5/10	16 to 16.2	16	7	20 (0.79)	**NSYCGHF16**
New EMC cable gland with contact spring	M20	6/12	20 to 20.2	20	8	22 (0.87)	**NSYCGHF20**
New EMC cable gland with contact spring	M25	11/17	25 to 25.2	25	8	27 (1.06)	**NSYCGHF25**
New EMC cable gland with contact spring	M32	15/21	32 to 32.3	32	8	34 (1.34)	**NSYCGHF32**
New EMC cable gland with contact spring	M40	19/28	40 to 40.3	40	9	43 (1.69)	**NSYCGHF40**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Panel**SeT** S3HF

Dimensions

Panel**SeT** S3HF

Fig. 1

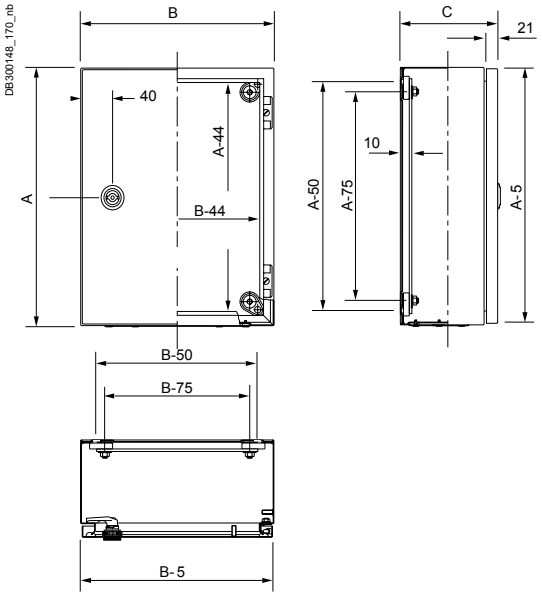
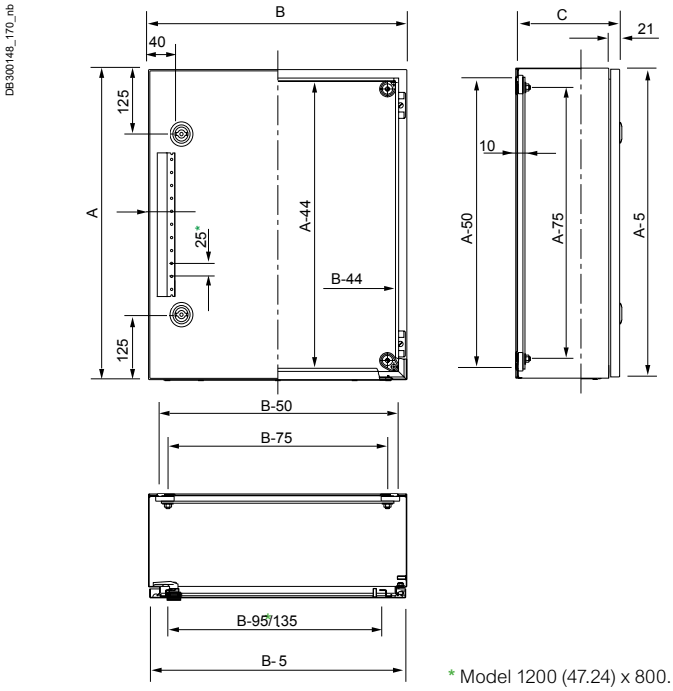


Fig. 2



A: Height.
B: Width.
C: Depth.

* Model 1200 (47.24) x 800.

4

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Variable-Speed Drive Flush-Mounting Kit
PanelSeT S3D, SFN and SM

Introduction

The variable-speed drives flush-mounting kits have been designed to isolate the power part, which is an important source of heat. They are mounted in the PanelSeT range of steel enclosures (floor-standing and wall-mounted enclosures) and have been approved for Altivar Process variable-speed drives of the ATV630 and ATV930 ranges (power range: 0.75 to 45 kW at 200/240 V, 0.75 to 90 kW at 380/480 V).

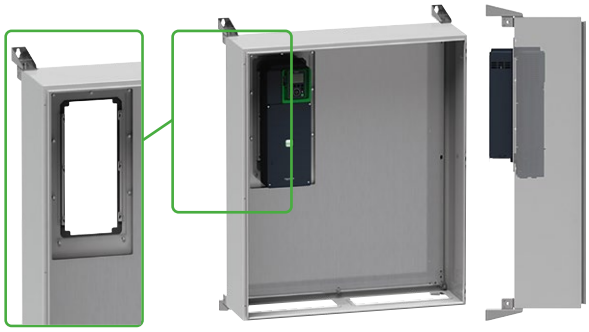
The kits are available in five sizes and offer two methods of mounting variable-speed drives:
- slide-rail mounting for sizes 1, 2 and 3
- bracket mounting for sizes 4 and 5.

The kits can be installed:
- at the back of the enclosure.

This installation provides full thermal insulation.

- inside the enclosure on a mounting plate.

This installation may require additional thermal control.







Tightness
- IP55 according to IEC 60529 with polyurethane seal provided.

Configured offer

Services
Option of cut-outs (enclosure and frame) by Schneider Electric: No risk of corrosion and cuts (cut-out made before painting).



Ease of Installation
- Set of slide-rails allowing the variable-speed drive to be mounted quickly and efficiently.



Strength
- The rigidity of the kit allows it to be installed on PanelSeT S3D, SFN and SM enclosures.

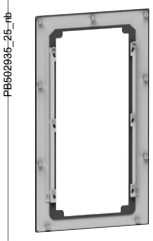
Earth Continuity
- Earth continuity is ensured by tightening the M6 nuts combined with pin washers.



Maintenance of the Variable-Speed Drive Fan (Kit Sizes 4 and 5)
- Easy front panel maintenance for fan servicing.

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Variable-Speed Drive Flush-Mounting Kit
PanelSeT S3D, SFN and SM
Characteristics

Characteristics	Mounting kits	
	 PB502935_25_nb	 PB502936_32_nb
	Sizes 1, 2 and 3	**Sizes 4 and 5**
	Variable-speed drive installation kits allowing the hot part to be isolated.	
Material	Steel	
Finish	Structured finish, epoxy polyester powder	
Color	RAL 7035 gray	
Ingress protection rating	IP55 according to IEC 60529	
Certifications	UL (cULus). Rated 1, 3R and 12 according to UL50E	
Supply	Sizes 1, 2 and 3: • Painted steel plate with cut-out fitted with two slide-rails + adhesive seal + 7 to 9 M6 studs for kit mounting • Protection seal profile supplied for frame cut-out • Enclosure drilling template	Sizes 4 and 5: • Painted steel plates with cut-out fitted with painted mounting brackets + screws and nuts for fixing the brackets and the kit • Protection seal supplied for frame cut-out

Note:
For dimensions see page 280

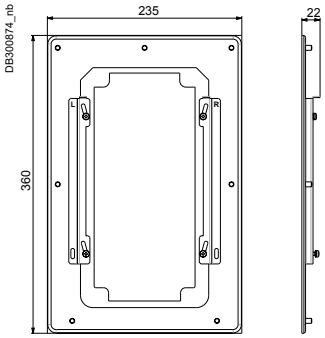
Dimensions mm (in.)				Compatibilities						
					Variable-speed drives					Kits
					ATV340 380/480 V	ATV630 200/240 V	380/480 V	ATV930 200/240 V	380/480 V	
H	L	P	Sizes	Enclosures	References	References	References	References	References	References
360 (14.17)	235 (9.25)	22 (0.87)	1	S3D, SFN, SM	-	**ATV630U07M3**	**ATV630U07N4**	**ATV930U07M3**	**ATV930U07N4**	**NSYPTDS1**
360 (14.17)	235 (9.25)	22 (0.87)	1	S3D, SFN, SM	-	**ATV630U15M3**	**ATV630U15N4**	**ATV930U15M3**	**ATV930U15N4**	**NSYPTDS1**
360 (14.17)	235 (9.25)	22 (0.87)	1	S3D, SFN, SM	-	**ATV630U22M3**	**ATV630U22N4**	**ATV930U22M3**	**ATV930U22N4**	**NSYPTDS1**
360 (14.17)	235 (9.25)	22 (0.87)	1	S3D, SFN, SM	-	**ATV630U30M3**	**ATV630U30N4**	**ATV930U30M3**	**ATV930U30N4**	**NSYPTDS1**
360 (14.17)	235 (9.25)	22 (0.87)	1	S3D, SFN, SM	-	**ATV630U40M3**	**ATV630U40N4**	**ATV930U40M3**	**ATV930U40N4**	**NSYPTDS1**
360 (14.17)	235 (9.25)	22 (0.87)	1	S3D, SFN, SM	-	-	**ATV630U55N4**	-	**ATV930U55N4**	**NSYPTDS1**
420 (16.54)	265 (10.43)	22 (0.87)	2	S3D, SFN, SM	-	**ATV630U55M3**	**ATV630U75N4**	**ATV930U55M3**	**ATV930U75N4**	**NSYPTDS2**
420 (16.54)	265 (10.43)	22 (0.87)	2	S3D, SFN, SM	-		**ATV630D11N4**	-	**ATV930D11N4**	**NSYPTDS2**
555 (21.85)	295 (11.61)	22 (0.87)	3	S3D, SFN, SM	-	**ATV630U75M3**	**ATV630D15N4**	**ATV930U75M3**	**ATV930D15N4**	**NSYPTDS3**
555 (21.85)	295 (11.61)	22 (0.87)	3	S3D, SFN, SM	-	**ATV630D11M3**	**ATV630D18N4**	**ATV930D11M3**	**ATV930D18N4**	**NSYPTDS3**
555 (21.85)	295 (11.61)	22 (0.87)	3	S3D, SFN, SM	-	-	**ATV630D22N4**	-	**ATV930D22N4**	**NSYPTDS3**
800 (31.50)	385 (15.16)	151.5 (5.96)	4	SFN, SM	**ATV340D30N4E**	**ATV630D15M3**	**ATV630D30N4**	**ATV930D15M3**	**ATV930D30N4**	**NSYPTDS4**
800 (31.50)	385 (15.16)	151.5 (5.96)	4	SFN, SM	**ATV340D37N4E**	**ATV630D18M3**	**ATV630D37N4**	**ATV930D18M3**	**ATV930D37N4**	**NSYPTDS4**
800 (31.50)	385 (15.16)	151.5 (5.96)	4	SFN, SM	-	**ATV630D22M3**	**ATV630D45N4**	**ATV930D22M3**	**ATV930D45N4**	**NSYPTDS4**
975 (38.39)	427 (16.81)	205.5 (8.09)	5	SFN, SM	**ATV340D45N4E**	**ATV630D30M3**	**ATV630D55N4**	**ATV930D30M3**	**ATV930D55N4**	**NSYPTDS5**
975 (38.39)	427 (16.81)	205.5 (8.09)	5	SFN, SM	**ATV340D55N4E**	**ATV630D37M3**	**ATV630D75N4**	**ATV930D37M3**	**ATV930D75N4**	**NSYPTDS5**
975 (38.39)	427 (16.81)	205.5 (8.09)	5	SFN, SM	**ATV340D75N4E**	**ATV630D45M3**	**ATV630D90N4**	**ATV930D45M3**	**ATV930D90N4**	**NSYPTDS5**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

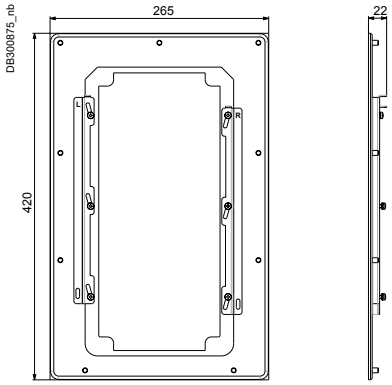
Variable-Speed Drive Flush-Mounting Kit
PanelSeT S3D, SFN and SM

Dimensions

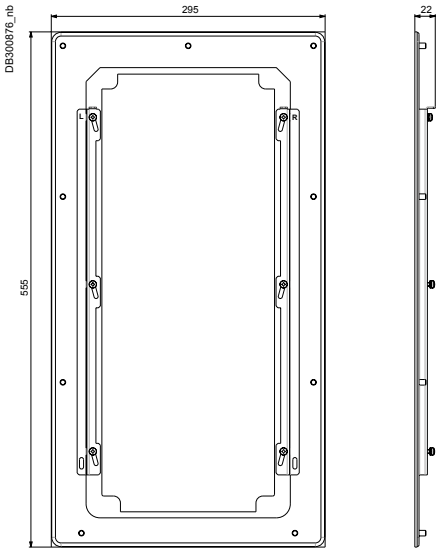
NSYPTDS1



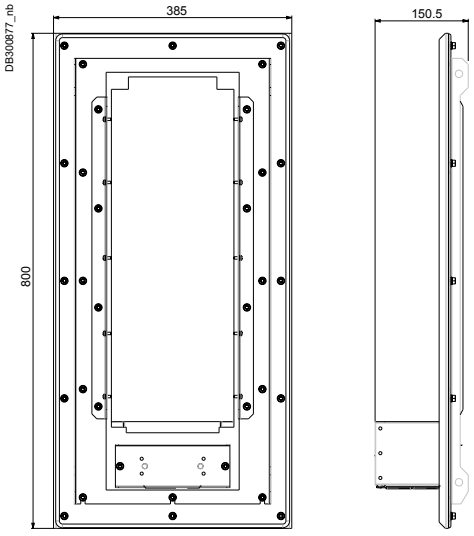
NSYPTDS2



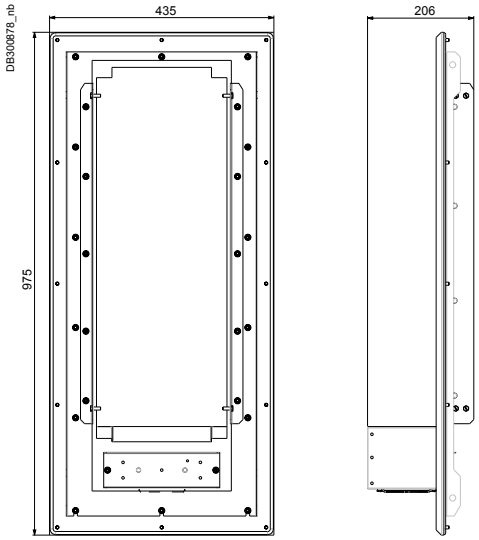
NSYPTDS3



NSYPTDS4



NSYPTDS5



Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Variable-Speed Drive Flush-Mounting Kit
PanelSeT S3D, SFN and SM

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

PanelSeT SFN: Modular Enclosures

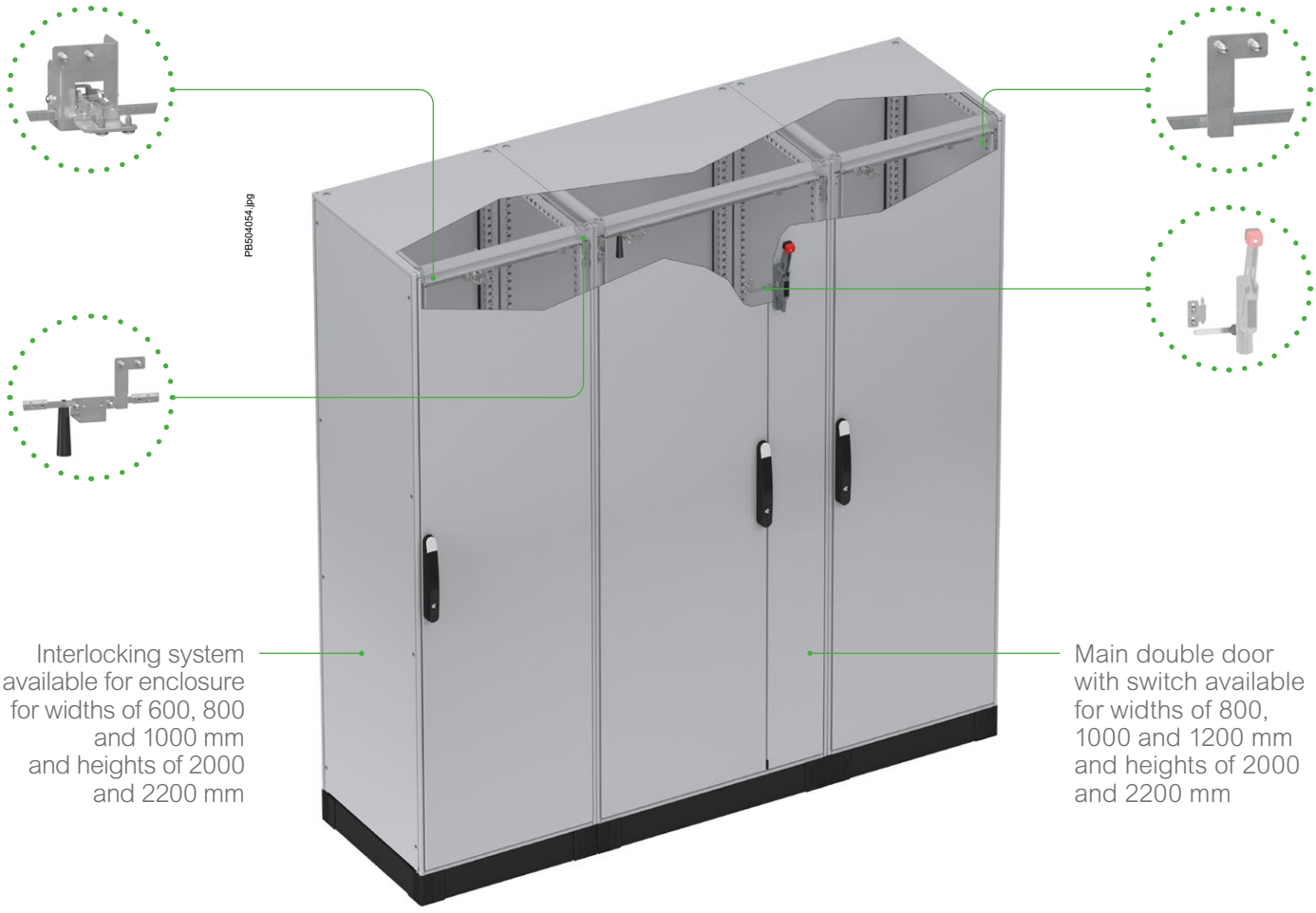
Introduction

Function

New

PanelSeT SFN Interlocking solution provides a mechanical interlock of coupled cells.
This system works as follows:

- The main double door is prepared to receive a switch
- This switch has to be linked with the incomer device of the switchboard (i.e.: circuit breaker)
- When the switch is “ON”, all the doors cannot be opened
- The main door can only be opened when the switch is in the “OFF” position
- Once the main door is opened, it enables access to unlock the doors of the other enclosures of the switchboard
- The main double door cannot be closed if one (or more) of the other doors is opened
- The interlocking system can couple up to 8 enclosures

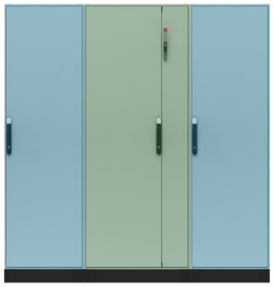


Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Coupled enclosures can be in any configuration as shown below.



Left position

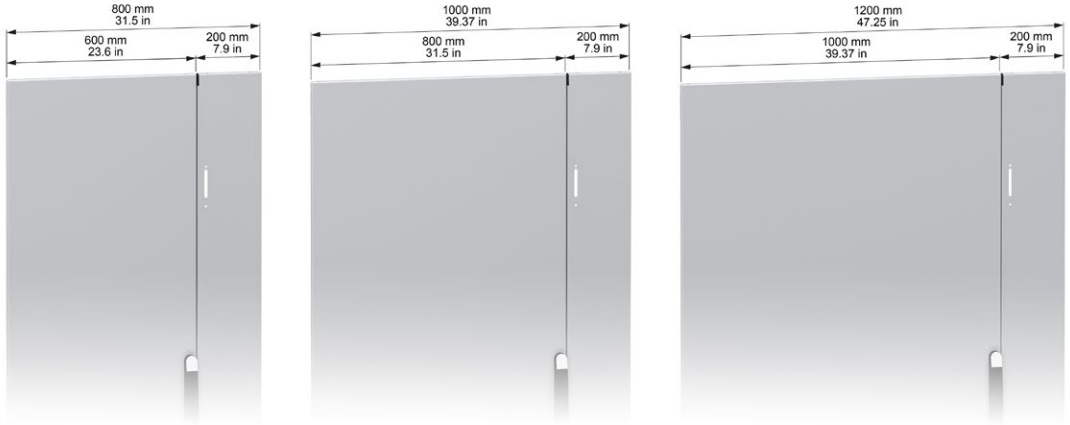


Middle position



Right position

The main double door (200 mm wide) will always be on the right and the wider door will always be on the left (600, 800 or 1000 mm wide).



The doors of the locked enclosures can open on the right- or left-hand side.





Interlocking up to 9 coupled enclosures.



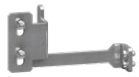
Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Enclosure Interlock

PanelSeT SFN: Modular Enclosures

Characteristics

Lock for main enclosure


NSYSLCKP

- Designed to be installed on specific double door with cut-outs (reference below).
- Compatible with Square D 9422 A1 et A2.
- Unlock the door of the main enclosure when the switch is in the “OFF” position to allow access.
- Material: Steel.
- Finish: Zinc-coated.

Characteristics	References
Main door lock	**NSYSLCKP**

Interlock link for double door


NSYSLINK800

- Use when the main enclosure has a coupled enclosure on its right.
- Designed to be installed in the main enclosure for widths of 800, 1000, and 1200 mm; a height of 2000/2200 mm; and any depth.
- Material: Zinc-coated steel mechanism, black plastic activation handle.

Characteristics	References
Interlock link for double door SFN W800	**NSYSLINK800**
Interlock link for double door SFN W1000	**NSYSLINK1000**
Interlock link for double door SFN W1200	**NSYSLINK1200**

Interlock actuator


NSYSODS

- Designed to be installed on PanelSeT SFN for widths of 800, 1000, 1200 mm.
- Enables the enclosures coupled to the main one to be manually unlocked by moving a rod horizontally.
- Material: Zinc-coated steel mechanism, black plastic activation handle.

Characteristics	References
Interlock actuator	**NSYSODS**

Double doors for main enclosure


NSYSFND20802DI

- Designed to install the lock for the main enclosure and the switch.
- Installation directly on the structure of the enclosure, opening 120°.
- Lock with handle and 5-mm double-bar insert, with 4 locking points.
- Reinforced frame, cut-out with a pitch of 25 mm.
- The door with the cut-out for the switch is 200 mm wide and is always positioned on the right.
- Material: Steel.
- Finish: Structured finish, epoxy polyester powder.
- Color: RAL 7035 gray.

Characteristics	References
Double door SFN Flange discon. 2000x 800	**NSYSFND20802DI**
Double door SFN Flange discon. 2200x800	**NSYSFND22802DI**
Double door SFN Flange discon. 2000x1000	**NSYSFND20102DI**
Double door SFN Flange discon. 2200x1000	**NSYSFND22102DI**
Double door SFN Flange discon. 2000x1200	**NSYSFND20122DI**
Double door SFN Flange discon. 2200x1200	**NSYSFND22122DI**

Interlock for locked enclosures


NSYSLCKS6

- Designed to be installed on PanelSeT SFN for widths of 600, 800, 1000, and 1200 mm; heights of 2000 and 2200 mm; and any depth.
- Mechanical lock for enclosure coupled to the main one.
- Material: Zinc-coated steel.

Characteristics	References
Interlock for secondary doors width 600	**NSYSLCKS6**
Interlock for secondary doors width 800	**NSYSLCKS8**
Interlock for secondary doors width 1000	**NSYSLCKS10**
Interlock for secondary doors width 1200	**NSYSLCKS12**

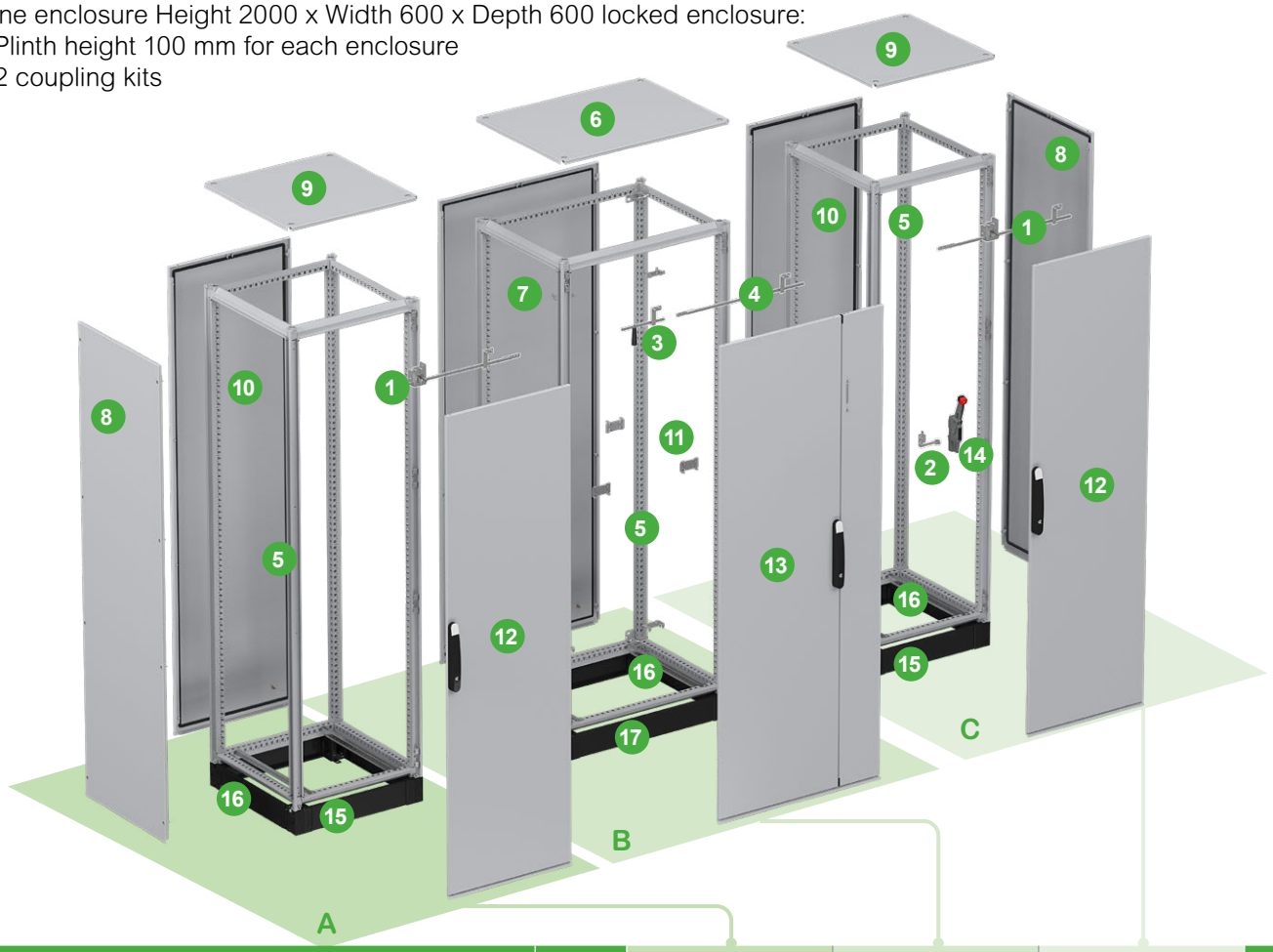
Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

PanelSeT SFN: Modular Enclosures

Configuration

Example of configuration:

A One enclosure Height 2000 x Width 600 x Depth 600 locked enclosure
B One enclosure Height 2000 x Width 800 x Depth 600 main enclosure with switch
C One enclosure Height 2000 x Width 600 x Depth 600 locked enclosure:
- Plinth height 100 mm for each enclosure
- 2 coupling kits



	Required products			A	B	C	
	References	Characteristics	Common	H 2000 / W 600 / D600	H 2000 / W 800 / D600	H 2000 / W 600 / D600	Qty
	Interlocking						
1	NSYSLCKS6	Interlock for secondary doors width 600		1		1	2
2	NSYSLCKP	Main door lock			1		1
3	NSYSODS	Interlock actuator			1		1
4	NSYSLINK800	Interlock link for double door SFN W800			1		1
	Enclosure						
5	NSYSFNV20	Vertical upright		1	1	1	3
6	NSYSFNC86	Bottom and top frame			1		1
7	NSYBPN208	Back panel W800			1		1
8	NSY2SPN206	Side panel D600	2				2
9	NSYSFNC66	Bottom and top frame		1		1	2
10	NSYBPN206	Back panel W600		1		1	2
11	NSYSFBKF	Coupling kit	2				2
12	NSYSFND206	Plain door SFN/SM 2000x600		1		1	2
	Double door						
13	NSYSFND20802DI	Double door SFN Flange discon. 2000 x 800			1		1
	Switch						
14	9422 Type A1/A3/A9	Switch disconnector			1		1
	Plinth enclosure						
15	NSYSPF6100	Front and rear plinth 100 x 600		1		1	2
16	NSYSPS6100	2 plinth side panels 100 x 600		1		1	2
17	NSYSPF8100	Front and rear plinth 100 x 800			1		1
16	NSYSPS6100	2 plinth side panels 100 x 600			1		1

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

ClimaSys Thermal Management System

Thermal Management System

PB504052



Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Thermal Management System

Introduction	**288**
Offer Overview	**290**
ClimaSys CA: Natural Airing	**292**
ClimaSys CV: Forced Airing	**294**
ClimaSys CU: Cooling Units	**312**
ClimaSys CR: Resistance Heaters	**328**
ClimaSys CC: Thermal Controllers	**336**
ProClima Web Software	**340**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Thermal Problems in Enclosures

Make your manufacturing processes more dependable by reducing downtime and production losses.



Evolution of the electrical switchboard

An electrical switchboard is an assembly formed of the following components:

- The enclosure;
- Switchgear and controlgear;
- Electrical conductors; and Miscellaneous functions (displays, controls, information processing).

It has evolved in three directions:

- Enclosures increasingly made of insulated materials;
- Switchgear and controlgear incorporating more and more electronics which concentrates a growing number of functions in an increasingly small volume;
- An increasingly high density ratio.

Industrial safety studies, a concept which covers:

- The safety of personnel and equipment;
- The availability of electric power;

These two aspects are the critical point of all industrial and service-sector activities. Operation must therefore be perfectly under control; and this control must concern not only the operation of the components but also their operating conditions in a given environment.

Temperature and humidity in the enclosure

Analysis of the malfunctions and downtimes of an electrical installation shows that they are mostly of thermal origin: Temperature/humidity ratio too high or too low inside the enclosure.

The rise of the average temperature above the limits tolerated by the equipment is often caused by changes to the electrical switchboard:

- Use of insulated materials for the enclosure impairing heat dissipation,
- An increasing number of electronic devices and a higher filling rate increase the temperature.

Such overheating may only occur at certain points of the installation called 'hot spots'.

Excessively low temperatures occur when the electrical switchboard is installed in a very cold environment. These low temperatures, in case of too high humidity ratio may cause the formation of water condensate (harmful to electrical equipment).

Consequences

The presence of humidity or excessively high temperatures inside the enclosure can cause numerous malfunctions:

- Nuisance tripping of protective devices;
- Fire inside the enclosure;
- Burns for the users;
- Premature equipment ageing;

These malfunctions lead to an increase in the installation's operating costs:

- Maintenance costs,
- Costs entailed by installation downtimes.

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Solution: Thermal Management

Objective

The thermal management solution adopted shall:
- Maintain the temperature and humidity level inside the enclosure at values corresponding to normal operation of the equipment.
- Establish a uniform temperature to help prevent hot spots.

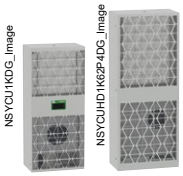
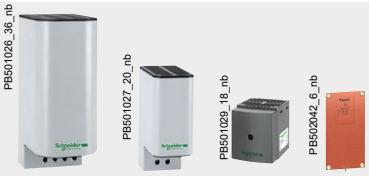
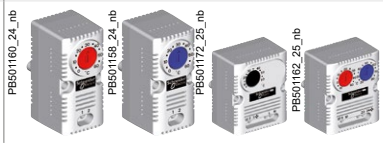
Choice of solution

The products constituting the thermal management solution are selected to obtain a thermal balance of the installation. This comprises 2 parts:
- Thermal balance inside the enclosure;
- Evaluation of the ambient climatic conditions (temperature, humidity level) or environmental conditions (pollution) of the location of the electrical switchboard.

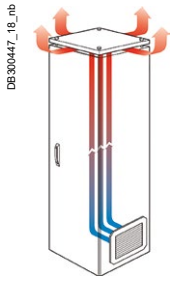
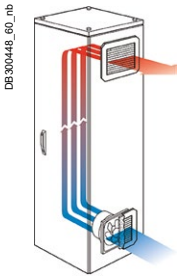
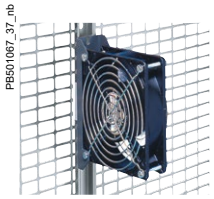
The Schneider Electric solutions

With the ClimaSys range, Schneider Electric proposes a comprehensive offer meeting all needs:
- Natural airing and forced ventilation.
- Homogenizing (air circulation).
- Heat Exchangers and Cooling Units 2023 novelties: The new Cooling Unit range is natively able to communicate to any supervision system.
- Heating resistances.
- Regulating controllers.

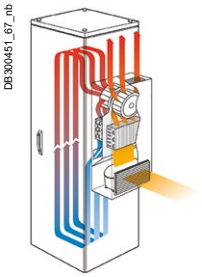
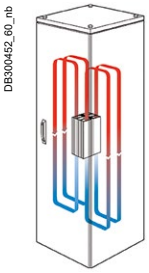
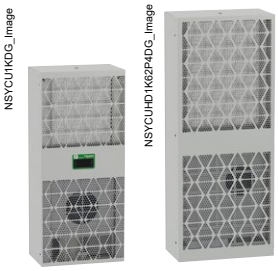
Schneider Electric also proposes a thermal design software, ProClima Web, which calculates the thermal balance and proposes one or more thermal management solutions, adapted to the customers environment.
To simplify user experience during electrical switchboard design phase, ProClima Web is now fully integrated with SEE Electrical Software suits.

Characteristics	Climasys	
Cooling	 Forced-airing systems	 Cooling units
Heating	 Resistance heaters	
Controlling	 Thermal control accessories	
Softwares	 ProClima Web software  SEE + etap	 Product Selector

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

	Homogenize	Cooling	
		 DB300447_18_nb	 DB300448_60_nb
Solution	**Air circulation**	**Natural airing**	**Forced-airing**
Description	Circulation fan inside the enclosure.	Air circulation achieved by installing grids (side or roof-mounted) with or without filter, or by elevating the roof.	A fan (with or without filter) feeds fresh external air into the enclosure. This creates a slight overpressure, forcing the warm air out of the enclosure through an outlet grid. The air flow balances the temperature, and the overpressure helps prevent dust ingress. Side or roof-mounted. Can be combined with a thermostat
Use	To help prevent hot spots.	Low power to be dissipated. Dusty environment.	High heat dissipation performance, suitable for dusty and non-hazardous environments. Helps prevent hot spots
Temperature conditions Ta = ambient temperature (outside the enclosure) Td = desired temperature inside the enclosure.	None	Td > Ta + 5°C (41°F)	Td > Ta + 5°C (41°F) 3°C (37°F) < Ta ≤ 35°C (95°F)
Independent internal and external air circuits?	No	No	No
Advantages	• Uniform temperature inside the enclosure.	• Very economical solution. • No maintenance. • Easy, fast installation.	• Economical solution. • Easy maintenance. • Easy, fast installation. • Uniform temperature inside the enclosure. • Level of protection: IP54 (IP55 with cover).
Disadvantages		• Low power dissipated. • Reduction of IP rating. • Risk of ingress of particles and dust if no filter.	• Internal temperature always higher than external temperature. • Maintenance required: filter change.
Illustration	 PB501067_37_nb	 PB501020_28_nb Outlet grids	 PB501021_53_nb Fans

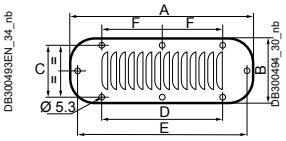
Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

	Cooling	Heating
		
	Cooling unit	**Resistor heaters**
	Operates like a heat pump: A condenser dissipates the calorific energy absorbed by an evaporator to the ambient air, thereby cooling and drying the air in the enclosure. Mounted on Side (surface, half flush, flush) or Roof. Connected Cooling Units Provides data related to alarming, operations, and setting, locally and remotely, in any process SCADA, supervision, including EcostruXure SE Software Ware and Application and services.	The heating resistors help prevent the formation of condensation and ensure an ideal temperature inside the enclosure.
	Filter recommendation: Office environment (no dust, no grease): filter free, Industrial environment (dust, grease, not explosive): G3 fiber filter is recommended, Outdoor (not explosive): aluminum filter is recommended, Indoor CU are delivered without any filter by default. Outdoor CU are delivered with Aluminum filter by default.	To heat the inside of the enclosure and help prevent condensation.
	Ta > Td and Ta ≤ 55°C (131°F)	Ta < Td
	Yes	-
	• Internal temperature independent of external temperature. • Even temperature inside the enclosure. • Level of protection: IP54 for roof, IP55 for side-mounted models. • Drainage system for condensed water from evaporator heat exchanger.	• Small size (1.6 (0.06) mm (in.) thick for the ultra-thin version). • Low surface temperature (< 70°C (158°F) for insulated version, 75°C (167°F) for aluminum version). • Even temperature inside the enclosure with the version equipped with a fan.
	• Water condensation evaporation unit integrated in side-mounted models from 1 to 4 kW. • Maintenance required: filter change.	
		
	Cooling units	Heating resistors

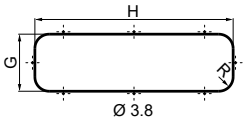
Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Metal Louvre Plate, Rectangular

Louvre dimensions



Cut-out dimensions



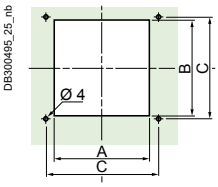
- Material: Steel.
- Structured finish, epoxy polyester panting, RAL 7035 gray.
- Ingress protection rating (according to IEC 60529): IP20.
- Installation: On the sides of the enclosure. Fixing by screws.

Supply:
One metal louvre and fixing elements.


NSYCAG110X46M

Characteristics	mm (in.)									References
	A	B	C	D	E	F	G	H	R	
Metal louvre plate, rectangular	144 (5.67)	62 (2.44)	36 (1.42)	110 (4.33)	-	-	46 (1.81)	94 (3.70)	10 (0.39)	**NSYCAG110X46M**
Metal louvre plate, rectangular	208 (8.19)	90 (3.54)	72 (2.84)	94 (3.70)	190 (7.48)	-	62 (2.44)	180 (7.09)	18 (0.71)	**NSYCAG180X62M**
Metal louvre plate, rectangular	244 (9.61)	90 (3.54)	72 (2.84)	130 (5.12)	226 (8.90)	-	62 (2.44)	216 (8.50)	18 (0.71)	**NSYCAG216X62M**
Metal louvre plate, rectangular	345 (13.58)	118 (4.65)	100 (3.94)	231 (9.09)	327 (12.87)	115.5 (4.55)	90.5 (3.56)	317 (12.48)	30 (1.18)	**NSYCAG317X91M**
Metal louvre plate, rectangular	345 (13.58)	148 (5.83)	130 (5.12)	231 (9.09)	327 (12.87)	115.5 (4.55)	120 (4.72)	317 (12.48)	30 (1.18)	**NSYCAG317X120M**
Metal louvre plate, rectangular	445 (17.52)	148 (5.83)	130 (5.12)	267 (10.51)	427 (16.81)	148.5 (5.85)	120 (4.72)	417 (16.42)	30 (1.18)	**NSYCAG417X120M**

Metal Louvre Plate, Square



- Ingress protection rating (according to IEC 60529): IP23.

Supply:
One metal louvre.


NSYCAG104X95LM

Characteristics	Dimensions mm (in.)	A mm (in.)	B mm (in.)	C mm (in.)	Slot width mm (in.)	Number of slots	References
Metal louvre plate, square	120 (4.72) x 120 (4.72)	95 (3.74)	90 (3.54)	104.8 (4.13)	90 (3.54)	5	**NSYCAG104X95LM**
Metal louvre plate, square	160 (6.30) x 160 (6.30)	110 (4.33)	130 (5.12)	140 (5.51)	100 (3.94)	5	**NSYCAG130X110LM**
Metal louvre plate, square	220 (8.66) x 220 (8.66)	190 (7.48)	170 (6.69)	200 (7.87)	180 (7.09)	5	**NSYCAG170X190LM**

Anti-Insect Filters for Metal Louvre Plate, Square

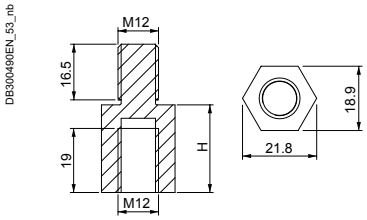
- Material: Stainless-steel 304L Ø 0.32 (0.01) mm (in.) wire mesh, 1.07 (0.04) mm (in.), thickness 0.6 (0.02) mm (in.)
- Ingress protection rating (according to IEC 60529): IP33.
- Installation: Between the enclosure and the metal louvre.

Supply:
One anti-insect filter.


NSYCAF104X95X

Characteristics	External dimensions mm (in.)	Weight	References
Anti-insect filters for metal louvre plate, square	98 (3.86) x 115 (4.53)	0.8 (1.76) kg (lbs.)/m²	**NSYCAF104X95X**
Anti-insect filters for metal louvre plate, square	133 (5.24) x 158 (6.22)	0.8 (1.76) kg (lbs.)/m²	**NSYCAF130X110X**
Anti-insect filters for metal louvre plate, square	197 (7.76) x 215 (8.46)	0.8 (1.76) kg (lbs.)/m²	**NSYCAF170X190X**

Roof Elevators



- Allow the roof to be raised, providing natural airing.
- Material: Zinc-coated steel.
- They are screwed onto the structure of SF enclosures at the roof fixing points.

Supply:
4 elevators.


NSYRE26

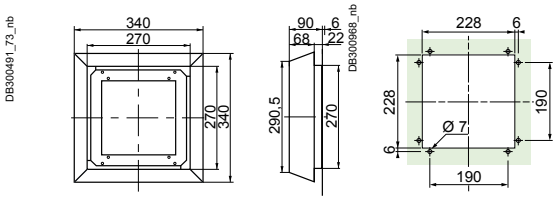
Characteristics	Top elevation mm (in.)	References
Roof elevators	26 (1.02)	**NSYRE26**
Roof elevators	60 (2.36)	**NSYRE60**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Hood for Natural Airing


NSYCAC228RMF

- Natural airing device for coupling to the top of metal floor-standing enclosures. Solution for combination with the airing slots.
- Material: Steel.
- Finish: Structured finish, epoxy polyester painting, RAL 7035 gray.
- Ingress protection rating (according to IEC 60529): IP54.
- Installation: Fixing to the top by means of caged nuts and special screws.



Supply:
1 hood for natural airing and fixing elements.

Characteristics	Weight	References
Hood for natural airing	4.6 (10.14) kg (lbs.)	**NSYCAC228RMF**
Spare filter	-	**NSYCAF228R**

Plastic Airing Louvres


NSYCAG45LP


NSYCAG35LP


NSYCAG38LP


NSYCAG33LP


NSYCAG19LP

Four models available according to IP rating, in vertical position.

Supply:
References by unit. Order by multiples of 2 units (2, 4, 6, etc)

Characteristics	Ingress protection rating	Cut-out Ø mm (in.)	References
Plastic airing louvres	IP22	45.5 (1.79)	**NSYCAG45LP**
Plastic airing louvres	IP30/44	35 (1.38)	**NSYCAG35LP**
Plastic airing louvres	IP45	38 (1.50)	**NSYCAG38LP**
Plastic airing louvres	IP44	33 (1.30)	**NSYCAG33LP**
Plastic airing louvres	IP45	19 (0.75)	**NSYCAG19LP**

Sealed pressure balance valve


NSYCAG12LPH2

- Controls the pressure to avoid condensation following internal temperature increase.
- Material: PA6-V2, acrylic co-polymer membrane, water- and oil-repelling.
- Ingress protection rating: IP68.
- Permeability: Air flow under Δ P = 0.7 bar.

Characteristics	Cut-out Ø mm	Permeability	Pressure difference	Minor pack.	References
Sealed pressure balance valve	M12	16 litres/h	ΔP < 1 bar	10	**NSYCAG12LPH1**
Sealed pressure balance valve	M12	120 litres/h	ΔP < 0.1 bar	10	**NSYCAG12LPH2**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

ClimaSys CV

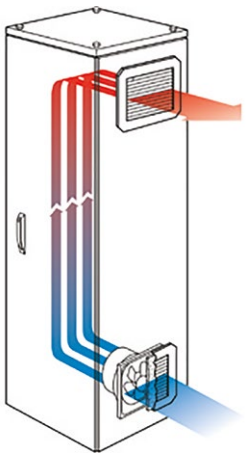
Introduction





Large range of fans:
Flow rate efficiency, high protection rating, quick installation and easier maintenance to secure all the applications.

Airing Systems



Innovation



Smart Airing Systems

The smartest way to keep critical equipment operating as expected in nominal conditions:

- With fan filters not clogged by the dust.
- By getting real life status of your fan architecture.

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.



Easy Maintenance

Quick filter replacement

- Quick, easy and safe replacement of the filter installed in the fan, even during operation



Quality of Components

Selection of motors

- Improved flow rate and longer service life
- Large range of input voltages available on all motors delivered as standard, with 50/60-Hz alternating current or direct current



Easy Installation

Quick installation

- Reliable fixing with the assisted fixing device and the system of multi-thickness fixing-clips
- Easy to invert
- To operate as extractors, all the motors can be inverted by simply removing four screws



Certifications

- UL-certified Products



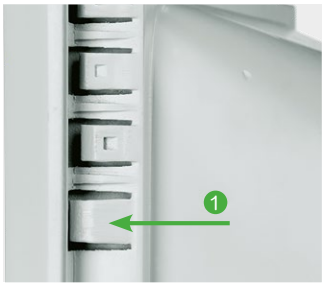
Optimized Flow Rate: Average Increase of 50%

- Maximum use of surface
- Minimal pressure loss

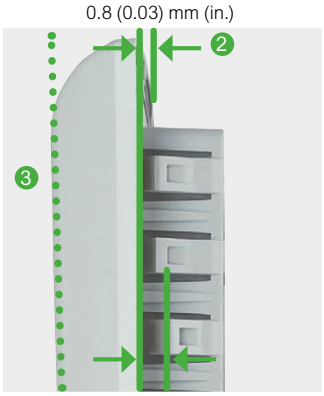
Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Forced Airing
ClimaSys CV
Introduction

High Protection Rating: NEMA 12 rating / IP54 as standard

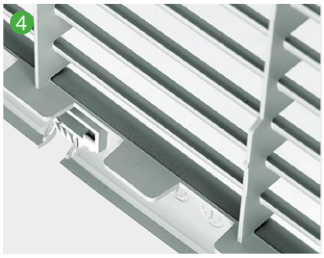


1 Fixing Guide
- To center the body of the fan on the wall of enclosure
- To correct machining faults
- To facilitate the correct operation of the fixing "clips"



2 Multi-Thickness Fixing-Clips
- To help guarantee easy and reliable fixing of the airing system
- With a thickness of 0.8 (0.03) to 4.5 (0.18) mm (in.), with no fixings

3 Inclined Profile of the Grille
- To help protect the filter against vertical spraying: each slat is protected by the slat above it, with the external dimensions remaining small



4
- IP54 (IP55 with the cover) A patented system allows the evacuation of water absorbed by the filter
- In particular during high-pressure spraying



5 Hot-Fitted Sealing Gasket
- The polyurethane gasket, hot cast, helps guarantee a long-lasting seal



6 Effective Filter-Retaining System
- The system for holding the synthetic filter in the cavity of the filter holder helps ensure a protection rating of IP54, even under the most difficult conditions

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

ClimaSys CV: Standard Ventilation System

Characteristics

- Characteristics: The fans comprise an axial motor, a protective housing on the front and rear surfaces and a filter designed to retain dust particles. This filter can be replaced during operation without risk of contact with the rotating element.
- Material of external grids: Injected thermoplastic (ASA PC). self-extinguishing according to UL 94 V-0
- Color external grids: RAL 7035 gray as standard
- Conditions of use: The external temperature must not exceed 30°C (86°F) and must be more than 5°C (41°F) lower than the temperature wanted in the enclosure. The filters that equip the fans must be cleaned and replaced regularly. The ambient air must be relatively clean and overfrequent filter replacement should be avoided. Bear in mind the pressure losses caused by the outlet element (grille with filter, airing louvre or simple opening) when determining the fan flow rate
- Storage Temperature: -40°C (-40°F)… 70°C (158°F)
- Ingress protection rating (according to IEC 60529): IP54
- If the enclosure contains electronics, material sensitive to dust deposits or if it is needed to use several fans and grills in the same enclosure, we highly recommend using ProClima and a solution with better filtering using a G3 filter or a higher IP (cooling option as example). In any case, do not hesitate to contact our sales teams to collaborate on your project.
- Mechanical protection rating (according to IEC 62262): IK08
- UL recognized (cURus) and CSA certified (except for indicated references). Rated Type 12 according to UL50E.
- Installation: The cut-out template supplied with the device avoids the need for marking and helps protect the surface of the enclosure during handling
- All fan references are also delivered with one anti-insect filter
- Options: The device can be equipped with a filter that provides even more efficient protection for your sensitive facilities against dust particles

Free flow rate with standard filter m³/h (CFM)	**Flow rate with outlet grille(s)** m³/h (CFM)		**Voltage range** (nominal voltage)	**Absorbed power** (max. intensity)	**Noise level**	**External dim. H x L x W (cut-out)** mm (in.)	**Weight** kg (lbs.)	**Operating temperature**	**Max. static pressure**
	1	**2**							
38 (22.37) (50 Hz) 39 (22.96) (60 Hz)	25 (14.71) (50 Hz) 26 (15.30) (60 Hz)	33 (19.42) (50 Hz)	150 V...250 V (230 V)	4.5/4.8 W (0.16/0.17 A)	40/41 dB (A)	137 (5.39) x 117 (4.61) x 49 (1.93) (92 (3.62) x 92 (3.62))	0.220 (0.49)	-10°C (14°F) ... + 70°C (158°F)	29 Pa
38 (22.37) (50 Hz) 39 (22.96) (60 Hz)	27 (15.89) (50 Hz) 28 (16.48) (60 Hz)	35 (20.60) (50 Hz)	75 V...125 V (115 V)	3.3/3.5 W (0.16/0.16 A)	40/41 dB (A)	137 (5.39) x 117 (4.61) x 49 (1.93) (92 (3.62) x 92 (3.62))	0.220 (0.49)	-10°C (14°F) ... + 70°C (158°F)	29 Pa
58 (34.14)	39 (22.96)	47 (27.66)	10 V...27.6 V (24 V DC)	3.6 W (0.18 A)	40/41 dB (A)	137 (5.39) x 117 (4.61) x 49 (1.93) (92 (3.62) x 92 (3.62))	0.230 (0.51)	-10°C (14°F) ... + 70°C (158°F)	29 Pa
44 (25.90)	34 (20.01)	41 (24.13)	36 V...56 V (48 V DC)	3.6 W (70 mA)	40/41 dB (A)	137 (5.39) x 117 (4.61) x 49 (1.93) (92 (3.62) x 92 (3.62))	0.230 (0.51)	-10°C (14°F) ... + 70°C (158°F)	29 Pa
85 (50.03) (50 Hz) 98 (57.68) (60 Hz)	63 (37.08) (50 Hz) 72 (42.38) (60 Hz)	71 (41.79) (50 Hz)	175 V...253 V (230 V)	17/15 W (0.121/0.097 A)	46/49 dB (A)	170 (6.69) x 150 (5.91) x 62 (2.44) (125 (4.92))	0.780 (1.72)	-20°C (-4°F) ... + 60°C (140°F)	50 Pa
79 (46.50) (50 Hz) 92 (54.15) (60 Hz)	65 (38.26) (50 Hz) 74 (43.56) (60 Hz)	73 (42.97) (50 Hz)	75 V...126 V (115 V)	16/15 W (0.207/0.179 A)	46/49 dB (A)	170 (6.69) x 150 (5.91) x 62 (2.44) (125 (4.92))	0.780 (1.72)	-20°C (-4°F) ... + 60°C (140°F)	50 Pa
80 (47.09)	57 (33.55)	77 (45.32)	10 V...27.6 V (24 V DC)	7.6 W (0.30 A)	46/49 dB (A)	170 (6.69) x 150 (5.91) x 62 (2.44) (125 (4.92))	0.480 (1.06)	-10°C (14°F) ... + 70°C (158°F)	50 Pa
79 (46.50)	59 (34.73)	68 (40.02)	25 V...55.2 V (48 V DC)	8 W (0.173 A)	46/49 dB (A)	170 (6.69) x 150 (5.91) x 62 (2.44) (125 (4.92))	0.480 (1.06)	-10°C (14°F) ... + 70°C (158°F)	50 Pa
165 (97.12) (50 Hz) 193 (113.60) (60 Hz)	153 (90.05) (50 Hz) 171 (100.65) (60 Hz)	161 (94.76) (50 Hz) 175 (103.00) (60 Hz)	175 V...253 V (230 V)	16.3/14.3 W (0.12/0.94 A)	50/51 dB (A)	268 (10.55) x 248 (9.76) x 104 (4.09) (223 (8.78) x 223 (8.78))	1.140 (2.51)	-20°C (-4°F) ... + 60°C (140°F)	50 Pa
164 (96.53) (50 Hz) 193 (113.60) (60 Hz)	153 (90.05) (50 Hz) 171 (100.65) (60 Hz)	161 (94.76) (50 Hz) 179 (105.36) (60 Hz)	75 V...126 V (115 V)	15.5/14.4 W (0.20/0.18 A)	50/51 dB (A)	268 (10.55) x 248 (9.76) x 104 (4.09) (223 (8.78) x 223 (8.78))	1.140 (2.51)	-20°C (-4°F) ... + 60°C (140°F)	50 Pa
188 (110.65)	171 (100.65)	179 (105.36)	10 V...27.6 V (24 V DC)	8 W (0.3 A)	50/51 dB (A)	268 (10.55) x 248 (9.76) x 104 (4.09) (223 (8.78) x 223 (8.78))	0.810 (1.79)	-10°C (14°F) ... + 70°C (158°F)	50 Pa
193 (113.60)	171 (100.65)	179 (105.36)	25 V...55.2 V (48 V DC)	8.7 W (0.18 A)	50/51 dB (A)	268 (10.55) x 248 (9.76) x 104 (4.09) (223 (8.78) x 223 (8.78))	0.810 (1.79)	-10°C (14°F) ... + 70°C (158°F)	50 Pa
302 (177.75) (50 Hz) 350 (206.00) (60 Hz)	260 (153.03) (50 Hz) 307 (180.69) (60 Hz)	268 (157.74) (50 Hz)	145 V...253 V (230 V)	36/37 W (0.17/0.16 A)	55/56 dB (A)	268 (10.55) x 248 (9.76) x 116 (4.57) (223 (8.78) x 223 (8.78))	1.3 (2.87)	-10°C (14°F) ... + 70°C (158°F)	158 Pa
302 (177.75) (50 Hz) 350 (206.00) (60 Hz)	263 (154.80) (50 Hz) 307 (180.69) (60 Hz)	271 (159.50) (50 Hz)	75 V...126 V (115 V)	36/36 W (0.35/0.32 A)	55/56 dB (A)	268 (10.55) x 248 (9.76) x 116 (4.57) (223 (8.78) x 223 (8.78))	1.3 (2.87)	-10°C (14°F) ... + 70°C (158°F)	158 Pa
262 (154.21)	221 (130.08)	229 (134.78)	12 V...30 V (24 V DC)	13 W (0.53 A)	55/56 dB (A)	268 (10.55) x 248 (9.76) x 103.4 (4.07) (223 (8.78) x 223 (8.78))	1.1 (2.43)	-10°C (14°F) ... + 70°C (158°F)	158 Pa
247 (145.38)	210 (123.60)	218 (128.31)	25 V...60 V (48 V DC)	11 W (0.24 A)	55/56 dB (A)	268 (10.55) x 248 (9.76) x 103.4 (4.07) (223 (8.78) x 223 (8.78))	1.1 (2.43)	-10°C (14°F) ... + 70°C (158°F)	158 Pa
562 (330.78) (50 Hz) 586 (344.91) (60 Hz)	473 (278.40) (50 Hz) 477 (280.75) (60 Hz)	481 (283.11) (50 Hz)	207 V...244 V (230 V)	68/85 W (0.52/0.370 A)	59/59 dB (A)	336 (13.23) x 316 (12.44) x 161 (6.34) (291 (11.46) x 291 (11.46))	3.2 (7.05)	-15°C (5°F) ... + 60°C (140°F)	140 Pa
582 (342.55) (50 Hz) 586 (344.91) (60 Hz)	485 (285.46) (50 Hz) 477 (280.75) (60 Hz)	494 (290.76) (50 Hz)	103 V...122 V (115 V)	65/83 W (0.60/0.72 A)	59/59 dB (A)	336 (13.23) x 316 (12.44) x 161 (6.34) (291 (11.46) x 291 (11.46))	3.2 (7.05)	-15°C (5°F) ... + 60°C (140°F)	140 Pa
838 (493.23) (50 Hz) 803 (472.63) (60 Hz)	718 (422.60) (50 Hz) 568 (334.31) (60 Hz)	728 (428.48) (50 Hz)	207 V...244 V (230 V)	150/195 W (0.65/0.85 A)	76/75 dB (A)	336 (13.23) x 316 (12.44) x 162 (6.38) (291 (11.46) x 291 (11.46))	4.1 (9.04)	-15°C (5°F) ... + 60°C (140°F)	170 Pa
983 (578.57) (50 Hz) 944 (555.62) (60 Hz)	843 (496.17) (50 Hz) 642 (377.87) (60 Hz)	854 (502.64) (50 Hz)	103 V...122 V (115 V)	145/182 W (1.279/1.6 A)	78/77 dB (A)	336 (13.23) x 316 (12.44) x 162 (6.38) (291 (11.46) x 291 (11.46))	4.1 (9.04)	-15°C (5°F) ... + 60°C (140°F)	170 Pa
931 (547.97) (50 Hz) 803 (472.63) (60 Hz)	798 (469.68) (50 Hz) 568 (334.31) (60 Hz)	809 (476.16) (50 Hz)	400 V (0, +10%)	126/126 W (0.21/0.26 A)	77/75 dB (A)	336 (13.23) x 316 (12.44) x 162 (6.38) (291 (11.46) x 291 (11.46))	4.1 (9.04)	-15°C (5°F) ... + 60°C (140°F)	170 Pa

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

ClimaSys CV: Standard Ventilation System

Characteristics











	by cable ★ Forced-airing fan 38 m³/h	by faston (1) Forced-airing fan 85 m³/h	by faston (1) Forced-airing fan 165 m³/h	by faston (1) Forced-airing fan 300 m³/h	by terminal block Forced-airing fan 560-850 (500.29) m³/h (CFM)
	NSYCVF38M230PF (1)★	-	-	-	-
	NSYCVF38M115PF (1) ★	-	-	-	-
	NSYCVF38M24DPF (1)	-	-	-	-
	NSYCVF38M48DPF (1)	-	-	-	-
	-	**NSYCVF85M230PF**	-	-	-
	-	**NSYCVF85M115PF**	-	-	-
	NSYCVF85M24DPF	-	-	-	-
	-	**NSYCVF85M48DPF**	-	-	-
	-	-	**NSYCVF165M230PF**	-	-
	-	-	**NSYCVF165M115PF**	-	-
	NSYCVF165M24DPF	-	-	-	-
	-	-	**NSYCVF165M48DPF**	-	-
	-	-	-	**NSYCVF300M230PF**	-
	-	-	-	**NSYCVF300M115PF**	-
	NSYCVF300M24DPF	-	-	-	-
	-	-	-	**NSYCVF300M48DPF**	-
	-	-	-	-	**NSYCVF560M230PF**
	-	-	-	-	**NSYCVF560M115PF**
	-	-	-	-	**NSYCVF850M230PF** (1)
	-	-	-	-	**NSYCVF850M115PF** (1)
	-	-	-	-	**NSYCVF850M400PF**

(1) not CSA certified.

Note: The fan **NSYCVF38M230PF** and **NSYCVF38M115PF** MUST NOT be connected to a power conversion module, an inverter or UPS!

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

ClimaSys CV: Standard Ventilation System

Accessories

Airing Systems, IP54 Outlet Grilles

- Delivered with G2 M1 synthetic standard filter according to ISO 16890 and with an anti-insect filter.
- Material: Injected thermoplastic polycarbonate.
- Color: RAL 7035 gray.
- Ingress protection rating (according to IEC 60529): IP54.
- UL recognized (cURus) and CSA certified, rated Type 12 according to UL50E.


NSYCAG92LPF

Characteristics	Height mm (in.)	Width mm (in.)	Depth mm (in.)	Cut-out mm (in.)	References
IP54 outlet grilles	137 (5.39)	117 (4.61)	13 (0.51)	92 (3.62) x 92 (3.62)	**NSYCAG92LPF**
IP54 outlet grilles	170 (6.69)	150 (5.91)	15 (0.59)	125 (4.92) x 125 (4.92)	**NSYCAG125LPF**
IP54 outlet grilles	268 (10.55)	248 (9.76)	18 (0.71)	223 (8.78) x 223 (8.78)	**NSYCAG223LPF**
IP54 outlet grilles	336 (13.23)	316 (12.44)	18 (0.71)	291 (11.46) x 291 (11.46)	**NSYCAG291LPF**

Filters

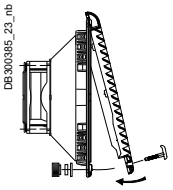
Supply:
- G2 M1 synthetic standard filters, Filters for greasy environments G2 M1, G3 M1 synthetic fine filters: 5 units
- Stainless-steel anti-insect filters: 1 unit

- For fans and grilles.
- Filters according to ISO 16890.


NSYCAF223T

Characteristics	Height mm (in.)	Width mm (in.)	Cut-out mm (in.)	References
G2 M1 synthetic standard filters	137 (5.39)	117 (4.61)	92 (3.62) x 92 (3.62)	**NSYCAF92**
G2 M1 synthetic standard filters	170 (6.69)	150 (5.91)	125 (4.92) x 125 (4.92)	**NSYCAF125**
G2 M1 synthetic standard filters	268 (10.55)	248 (9.76)	223 (8.78) x 223 (8.78)	**NSYCAF223**
G2 M1 synthetic standard filters	336 (13.23)	316 (12.44)	291 (11.46) x 291 (11.46)	**NSYCAF291**
Filters for greasy environments G2 M1	170 (6.69)	150 (5.91)	125 (4.92) x 125 (4.92)	**NSYCAF125O**
Filters for greasy environments G2 M1	268 (10.55)	248 (9.76)	223 (8.78) x 223 (8.78)	**NSYCAF223O**
Filters for greasy environments G2 M1	336 (13.23)	316 (12.44)	291 (11.46) x 291 (11.46)	**NSYCAF291O**
G3 M1 synthetic fine filters	170 (6.69)	150 (5.91)	125 (4.92) x 125 (4.92)	**NSYCAF125T**
G3 M1 synthetic fine filters	268 (10.55)	248 (9.76)	223 (8.78) x 223 (8.78)	**NSYCAF223T**
G3 M1 synthetic fine filters	336 (13.23)	316 (12.44)	291 (11.46) x 291 (11.46)	**NSYCAF291T**
Stainless-steel anti-insect filters	137 (5.39)	117 (4.61)	92 (3.62) x 92 (3.62)	**NSYCAF92M**
Stainless-steel anti-insect filters	170 (6.69)	150 (5.91)	125 (4.92) x 125 (4.92)	**NSYCAF125M**
Stainless-steel anti-insect filters	268 (10.55)	248 (9.76)	223 (8.78) x 223 (8.78)	**NSYCAF223M**
Stainless-steel anti-insect filters	336 (13.23)	316 (12.44)	291 (11.46) x 291 (11.46)	**NSYCAF291M**

Anti-Vandalism Kit




NSYCAAPV

- Helps prevent the grid from being opened from the outside.
- The unlocking thumbwheel is accessed from the inside of the enclosure.
- Color: RAL 7011.

Supply:
2 items per kit

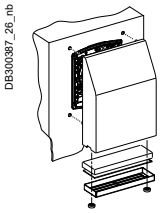
Characteristics	References
Anti-vandalism kit	**NSYCAAPV**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Covers IP55

- This solution helps protect the fan or grille from any direct spray.
- The cover is the preferred solution to help ensure the following:
  - an efficient air flow for cooling,
  - IP55 rating.
- Material: 2 materials available:
  - steel painted with epoxy polyester powder (RAL 7035 gray) for indoor applications,
  - stainless-steel 304L for food and beverage applications for indoor applications. For outdoor applications please contact Schneider sales team or use the reference **NSYCAG223LFHD**.
- Ingress protection rating (according to IEC 60529): IP55.
- Mechanical protection rating (according to IEC 62262): IK10.
- Certifications: UL Recognized (cURus) and CSA certified. Rated 12 and 3R according to UL 50E.
- Installation: Double insulation maintained if installed in an insulated enclosure. The cover is placed over the fan or the grille with a filter located at the bottom of the cover to help prevent the entry of particles. Easy access to the filter: Only two screws needed. When mounting: Remove the external part of the fan or the grille as well as the filter.

(1) Values given for a fan powered at 230 V.
For other voltages, the values are similar



Supply:
It is necessary to order 1 fan + 1 grille + 2 covers to have a complete system


NSYCAP125LZF

Characteristics	Flow rate m³/h (CFM) with cover (1)		Dimensions mm (in.)		References
	Free	With 1 outlet grille	External	Cut-out	
Steel painted RAL 7035 gray	74 (43.56)	53 (31.20)	240 (9.45) x 180 (7.09) x 60 (2.36)	125 (4.92) x 125 (4.92)	**NSYCAP125LZF**
Steel painted RAL 7035 gray	110 (64.74)	82 (48.26)	350 (13.78) x 305 (12.01) x 80 (3.15)	223 (8.78) x 223 (8.78)	**NSYCAP223LZF**
Steel painted RAL 7035 gray	165 (97.12)	123 (72.40)	350 (13.78) x 305 (12.01) x 80 (3.15)	223 (8.78) x 223 (8.78)	**NSYCAP223LZF**
Steel painted RAL 7035 gray	316 (185.99)	265 (155.97)	430 (16.93) x 373 (14.68) x 105 (4.13)	291 (11.46) x 291 (11.46)	**NSYCAP291LZF**
Steel painted RAL 7035 gray	502 (295.47)	430 (253.09)	430 (16.93) x 373 (14.68) x 105 (4.13)	291 (11.46) x 291 (11.46)	**NSYCAP291LZF**
Stainless-steel 304L	74 (43.56)	53 (31.20)	240 (9.45) x 180 (7.09) x 60 (2.36)	125 (4.92) x 125 (4.92)	**NSYCAP125LXF**
Stainless-steel 304L	110 (64.74)	82 (48.26)	350 (13.78) x 305 (12.01) x 80 (3.15)	223 (8.78) x 223 (8.78)	**NSYCAP223LXF**
Stainless-steel 304L	165 (97.12)	123 (72.40)	350 (13.78) x 305 (12.01) x 80 (3.15)	223 (8.78) x 223 (8.78)	**NSYCAP223LXF**
Stainless-steel 304L	316 (185.99)	265 (155.97)	430 (16.93) x 373 (14.68) x 105 (4.13)	291 (11.46) x 291 (11.46)	**NSYCAP291LXF**
Stainless-steel 304L	502 (295.47)	430 (253.09)	430 (16.93) x 373 (14.68) x 105 (4.13)	291 (11.46) x 291 (11.46)	**NSYCAP291LXF**

Spare Filter for Cover

Supply:
5 items per kit


NSYCAF125L55

Characteristics	Flow rate m³/h (CFM) with cover (1)		Cover references	References
	Free	With 1 outlet grille		
Spare filter for cover	74 (43.56)	53 (31.20)	**NSYCAP125LZF**	**NSYCAF125L55**
Spare filter for cover	110 (64.74)	82 (48.26)	**NSYCAP223LZF**	**NSYCAF223L55**
Spare filter for cover	165 (97.12)	123 (72.40)	**NSYCAP223LZF**	**NSYCAF223L55**
Spare filter for cover	316 (185.99)	265 (155.97)	**NSYCAP291LZF**	**NSYCAF291L55**
Spare filter for cover	502 (295.47)	430 (253.09)	**NSYCAP291LZF**	**NSYCAF291L55**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

ClimaSys CV: Standard Ventilation System

Accessories

EMC Airing Systems

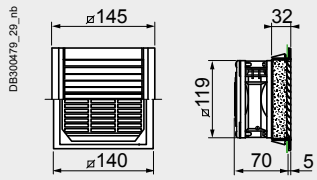
EMC IP54 Fan

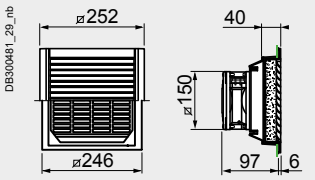
- To effectively help protect the equipment against electromagnetic interference, the EMC fan is equipped with:
  - a steel frame covering the plastic elements (self-extinguishing ABS according to standard UL94 V0),
  - a metal grille attached to the frame,
  - a beryllium gasket to help ensure conductivity between the perimeter of the fan unit and the enclosure.
- Ingress protection rating (according to IEC 60529): IP54.

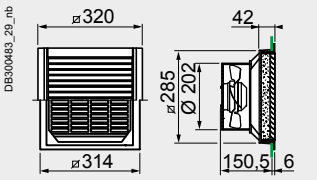
For more details see **page 310**


NSY17990

Characteristics	Flow rate m³/h (CFM)	Voltage (V)	Dimensions mm (in.)		References
			External	Cut-out	
EMC IP54 fan	61 (35.90)	230	145 (5.71) x 145 (5.71) x 70 (2.76)	126 (4.96) x 126 (4.96)	**NSY17990**
EMC IP54 fan	156 (91.82)	230	252 (9.92) x 252 (9.92) x 97 (3.82)	224 (8.82) x 224 (8.82)	**NSY17991**
EMC IP54 fan	480 (282.52)	230	320 (12.60) x 320 (12.60) x 150 (5.91)	292 (11.50) x 292 (11.50)	**NSY17992**







EMC IP54 Outlet Grille

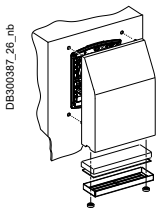
- Grille equipped with:
  - a steel frame covering the plastic elements (self-extinguishing ABS according to standard UL 94 V-0),
  - a metal grille attached to the frame,
  - a beryllium gasket to help ensure conductivity between the perimeter of the fan unit and the enclosure.
- Ingress protection rating (according to IEC 60529): IP54.


NSY17996

Characteristics	Dimensions mm (in.)		References
	External	Cut-out	
EMC IP54 outlet grille	145 (5.71) x 145 (5.71) x 70 (2.76)	126 (4.96) x 126 (4.96)	**NSY17996**
EMC IP54 outlet grille	252 (9.92) x 252 (9.92) x 97 (3.82)	224 (8.82) x 224 (8.82)	**NSY17997**
EMC IP54 outlet grille	320 (12.60) x 320 (12.60) x 150 (5.91)	292 (11.50) x 292 (11.50)	**NSY17998**

EMC IP55 Cover

- This solution provides protection against electromagnetic interference and helps ensure IP55 ingress protection.
- The EMC cover is installed on the fans or standard IP54 outlet grilles.
- The cover is made of painted steel for outdoor use and completely covers the fan or outlet grille.
- Conductivity is obtained by means of:
  - a conductive painting (2 Ω),
  - a conductive copper braid.
- Color: RAL 7035 gray.
- Ingress protection rating (according to IEC 60529): IP55.
- Mechanical protection rating (according to IEC 62262): IK10.



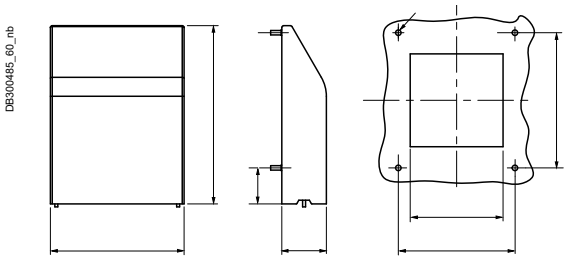
(1) Values given for a fan powered at 230 V. For other voltages, the values are similar


NSYCAP125LE

Characteristics	Flow rate m³/h (CFM) with cover (1)		Dimensions mm (in.)		References
	Free	With 1 outlet grille	External	Cut-out	
Sheet steel painted for outdoor applications, RAL 7035 gray	74 (43.56)	53 (31.20)	240 (9.45) x 180 (7.09) x 60 (2.36)	125 (4.92) x 125 (4.92)	**NSYCAP125LE**
Sheet steel painted for outdoor applications, RAL 7035 gray	110 (64.74)	82 (48.26)	350 (13.78) x 305 (12.01) x 80 (3.15)	223 (8.78) x 223 (8.78)	**NSYCAP223LE**
Sheet steel painted for outdoor applications, RAL 7035 gray	165 (97.12)	123 (72.40)	350 (13.78) x 305 (12.01) x 80 (3.15)	223 (8.78) x 223 (8.78)	**NSYCAP223LE**
Sheet steel painted for outdoor applications, RAL 7035 gray	316 (185.99)	265 (155.97)	430 (16.93) x 373 (14.68) x 105 (4.13)	291 (11.46) x 291 (11.46)	**NSYCAP291LE**
Sheet steel painted for outdoor applications, RAL 7035 gray	502 (295.47)	430 (253.09)	430 (16.93) x 373 (14.68) x 105 (4.13)	291 (11.46) x 291 (11.46)	**NSYCAP291LE**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Dimensions of IP55 and EMC Covers



Dimensions mm (in.)							Number of fixing points	Cover references		
A	B	C	D	E	F	G		IP55		EMC
180 (7.09)	240 (9.45)	49 (1.93)	49 (1.93)	49 (1.93)	157 (6.18)	182 (7.16)	4	**NSYCAP125LZF**	**NSYCAP125LXF**	**NSYCAP125LE**
305 (12.01)	350 (13.78)	61 (2.40)	61 (2.40)	61 (2.40)	283 (11.14)	280 (11.02)	8	**NSYCAP223LZF**	**NSYCAP223LXF**	**NSYCAP223LE**
373 (14.68)	430 (16.93)	73 (2.87)	73 (2.87)	73 (2.87)	351 (13.82)	348 (13.70)	8	**NSYCAP291LZF**	**NSYCAP291LXF**	**NSYCAP291LE**

Spare Filter for Cover

(1) Values given for a fan powered at 230 V. For other voltages, the values are similar.

Supply: 5 items per kit.

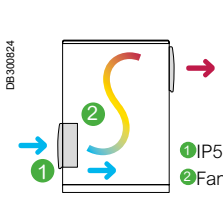
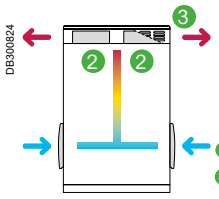

NSYCAF125L55

Characteristics	Flow rate m³/h (CFM) with cover (1)		Cover references	References
	Free	With 1 outlet grille		
Spare filter for cover	74 (43.56)	53 (31.20)	**NSYCAP125LE**	**NSYCAF125L55**
Spare filter for cover	110 (64.74)	82 (48.26)	**NSYCAP223LE**	**NSYCAF223L55**
Spare filter for cover	165 (97.12)	123 (72.40)	**NSYCAP223LE**	**NSYCAF223L55**
Spare filter for cover	316 (185.99)	265 (155.97)	**NSYCAP291LE**	**NSYCAF291L55**
Spare filter for cover	502 (295.47)	430 (253.09)	**NSYCAP291LE**	**NSYCAF291L55**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

ClimaSys CV: Standard Ventilation System

Airing Architectures

	S-Line	T-Line
	 1 IP55 metal grille 2 Fanbox	 2 Fanbox 3 Roof airing module
Architecture benefits	• Most common and competitive architecture • Maximum heat dissipation to extract 800 W-1000 W • ΔT° of 5°C (41°F) • Easy access to mount-dismount fanbox • Air flow in horizontal axis	• High thermal extraction capacity up to 1500 W • Noise level with 1 fan: 55 dB (A) when installed inside the upper airing module • ΔT° of 5°C (41°F) • Air flow in vertical axis

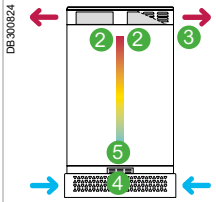
	IP55 metal grille		Fanbox		IP55 metal grille		Fanbox (1 filter NSYCAF190 for each Fanbox)	Roof airing module	
	Door	Side	Door	Side	Door	Side			
Polyester outdoor HD enclosure									
References	**Quantity to be installed**				**Quantity to be installed**				**References**
NSYPHDT553P	-	-	-	-	-	-	-	-	-
NSYPHDT753P	1 to 2	-	1 to 2	-	1 to 2	-	-	-	-
NSYPHDZT774	-	1 to 2	-	1 to 2	-	1 to 2	1 to 2	1	**NSYPCVR74HD**
NSYPHDZT774P	1 to 2	1 to 2	1 to 2	1 to 2	1 to 2	1 to 2	1 to 2	1	**NSYPCVR74HD**
NSYPHDZT776	-	1 to 2	-	1 to 2	-	1 to 2	1 to 2	1	**NSYPCVR76HD**
NSYPHDZT776P	1 to 2	1 to 2	1 to 2	1 to 2	1 to 2	1 to 2	1 to 2	1	**NSYPCVR76HD**
NSYPHDZT1054	-	1	-	1	-	1	1	1	**NSYPCVR54HD**
NSYPHDZT1054P	1 to 2	1	1 to 2	1	1 to 2	1	1	1	**NSYPCVR54HD**
NSYPHDZT1074	-	1 to 2	-	1 to 2	-	1 to 2	1 to 2	1	**NSYPCVR74HD**
NSYPHDZT1074P	1 to 4	1 to 2	1 to 4	1 to 2	1 to 4	1 to 2	1 to 2	1	**NSYPCVR74HD**
NSYPHDZT12124	-	1 to 3	-	1 to 3	-	1 to 3	1 to 3	1	**NSYPCVR124HD**
NSYPHDZT12124P	1 to 4	1 to 3	1 to 4	1 to 3	1 to 4	1 to 3	1 to 3	1	**NSYPCVR124HD**
NSYPHDZT12126	-	1 to 3	-	1 to 3	-	1 to 3	1 to 3	1	**NSYPCVR126HD**
NSYPHDZT12126P	1 to 4	1 to 3	1 to 4	1 to 3	1 to 4	1 to 3	1 to 3	1	**NSYPCVR126HD**
NSYPHDZT1254	-	1	-	1	-	1	1	1	**NSYPCVR54HD**
NSYPHDZT1254P	1 to 3	1	1 to 3	1	1 to 3	1	1	1	**NSYPCVR54HD**
NSYPHDZT1274	-	1 to 2	-	1 to 2	-	1 to 2	1 to 2	1	**NSYPCVR74HD**
NSYPHDZT1274P	1 to 4	1 to 2	1 to 4	1 to 2	1 to 4	1 to 2	1 to 2	1	**NSYPCVR74HD**
NSYPHDZT1276	-	1 to 2	-	1 to 2	-	1 to 2	1 to 2	1	**NSYPCVR76HD**
NSYPHDZT1276P	1 to 4	1 to 2	1 to 4	1 to 2	1 to 4	1 to 2	1 to 2	1	**NSYPCVR76HD**
NSYPHDZT15124	-	1 to 3	-	1 to 3	-	1 to 3	1 to 3	1	**NSYPCVR124HD**
NSYPHDZT15124P	1 to 4	1 to 3	1 to 4	1 to 3	1 to 4	1 to 3	1 to 3	1	**NSYPCVR124HD**
NSYPHDZT15126	-	1 to 3	-	1 to 3	-	1 to 3	1 to 3	1	**NSYPCVR126HD**
NSYPHDZT15126P	1 to 4	1 to 3	1 to 4	1 to 3	1 to 4	1 to 3	1 to 3	1	**NSYPCVR126HD**
NSYPHDZT1574	-	1 to 2	-	1 to 2	-	1 to 2	1 to 2	1	**NSYPCVR74HD**
NSYPHDZT1574P	1 to 4	1 to 2	1 to 4	1 to 2	1 to 4	1 to 2	1 to 2	1	**NSYPCVR74HD**
NSYPHDZT1576	-	1 to 2	-	1 to 2	-	1 to 2	1 to 2	1	**NSYPCVR76HD**
NSYPHDZT1576P	1 to 4	1 to 2	1 to 4	1 to 2	1 to 4	1 to 2	1 to 2	1	**NSYPCVR76HD**
NSYPHDZT2074	-	1 to 2	-	1 to 2	-	1 to 2	1 to 2	1	**NSYPCVR74HD**
NSYPHDZT2074P	1 to 4	1 to 2	1 to 4	1 to 2	1 to 4	1 to 2	1 to 2	1	**NSYPCVR74HD**
Steel outdoor HD enclosure									
NSYS3HD8630	1 to 2	-	1 to 2	-	1 to 2	-	-	-	-
NSYS3HD8840	1 to 2	1 to 2	1 to 2	1 to 2	1 to 2	1 to 2	1 to 2	1	-
NSYS3HD10640	1 to 2	1 to 2	1 to 2	1 to 2	1 to 2	1 to 2	1	1	-
NSYS3HD10840	1 to 4	1 to 2	1 to 4	1 to 2	1 to 4	1 to 2	1 to 2	1	-
NSYSFNHD18640	1 to 4	1 to 4	1 to 4	1 to 4	1 to 4	1 to 4	1 to 2	-	**NSYSFNCVR64HD**
NSYSFNHD18840	1 to 4	1 to 4	1 to 4	1 to 4	1 to 4	1 to 4	1 to 2	-	**NSYSFNCVR84HD**
NSYSFNHD18860	1 to 4	1 to 4	1 to 4	1 to 4	1 to 4	1 to 4	1 to 2	-	**NSYSFNCVR86HD**
NSYSFNHD18880	1 to 4	1 to 4	1 to 4	1 to 4	1 to 4	1 to 4	1 to 2	-	**NSYSFNCVR88HD**
NSYSFNHD20660	1 to 4	1 to 4	1 to 4	1 to 4	1 to 4	1 to 4	1 to 2	-	**NSYSFNCVR66HD**
NSYSFNHD20840	1 to 4	1 to 4	1 to 4	1 to 4	1 to 4	1 to 4	1 to 2	-	**NSYSFNCVR84HD**
NSYSFNHD20860	1 to 4	1 to 4	1 to 4	1 to 4	1 to 4	1 to 4	1 to 2	-	**NSYSFNCVR86HD**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

ClimaSys CV: Standard Ventilation System

Airing Architectures

I-Line



2 Fanbox
3 Roof airing module
4 Ventilated plinths
5 IP54 grille

This table helps to configure thermal architectures, but it is highly recommended to use the ProClima Software to help ensure the right thermal solution according to the selected architecture.

- Integrated architecture particularly suitable for public areas
- High thermal extraction of calorific energy up to 1500 W
- Noise level with 1 fan: 55 dB (A) when installed inside the upper airing module
- High flow rate and extraction performance
- Air flow in vertical axis

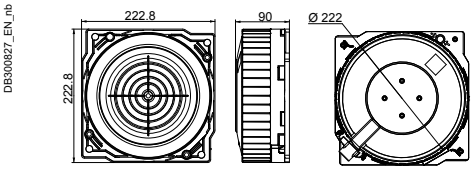
IP54 outlet grille (NSYCAG223LPF + G3 filter NSYCAF223T)		Ventilated plinths		Fanbox (1 filter NSYCAF190 for each Fanbox)		Roof airing module
Quantity to be installed		References		Quantity to be installed		References
-	-	-	-	-	-	-
-	-	-	-	-	-	-
1 to 2	-	-	-	1 to 2	1	**NSYPCVR74HD**
1 to 2	-	-	-	1 to 2	1	**NSYPCVR74HD**
1 to 2	-	-	-	1 to 2	1	**NSYPCVR76HD**
1 to 2	-	-	-	1 to 2	1	**NSYPCVR76HD**
1	-	-	-	1	1	**NSYPCVR54HD**
1	-	-	-	1	1	**NSYPCVR54HD**
1 to 2	-	-	-	1 to 2	1	**NSYPCVR74HD**
1 to 2	-	-	-	1 to 2	1	**NSYPCVR74HD**
1 to 3	-	-	-	1 to 3	1	**NSYPCVR124HD**
1 to 3	-	-	-	1 to 3	1	**NSYPCVR124HD**
1 to 3	-	-	-	1 to 3	1	**NSYPCVR126HD**
1 to 3	-	-	-	1 to 3	1	**NSYPCVR126HD**
1	-	-	-	1	1	**NSYPCVR54HD**
1	-	-	-	1	1	**NSYPCVR54HD**
1 to 2	-	-	-	1 to 2	1	**NSYPCVR74HD**
1 to 2	-	-	-	1 to 2	1	**NSYPCVR74HD**
1 to 2	-	-	-	1 to 2	1	**NSYPCVR76HD**
1 to 2	-	-	-	1 to 2	1	**NSYPCVR76HD**
1 to 3	-	-	-	1 to 3	1	**NSYPCVR124HD**
1 to 3	-	-	-	1 to 3	1	**NSYPCVR124HD**
1 to 3	-	-	-	1 to 3	1	**NSYPCVR126HD**
1 to 3	-	-	-	1 to 3	1	**NSYPCVR126HD**
1 to 2	-	-	-	1 to 2	1	**NSYPCVR74HD**
1 to 2	-	-	-	1 to 2	1	**NSYPCVR74HD**
1 to 2	-	-	-	1 to 2	1	**NSYPCVR76HD**
1 to 2	-	-	-	1 to 2	1	**NSYPCVR76HD**
1 to 2	-	-	-	1 to 2	1	**NSYPCVR74HD**
1 to 2	-	-	-	1 to 2	1	**NSYPCVR74HD**
1	1	**NSYSPFVX6200**	**NSYSPSX3200**	-	-	-
1 to 2	1	**NSYSPFVX8200**	-	1 to 2	1	-
1	1	**NSYSPFVX6200**	-	1	1	-
1	1	**NSYSPFVX8200**	-	1 to 2	1	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

ClimaSys CV: Standard Ventilation System

Airing System Heavy-Duty

Fanbox



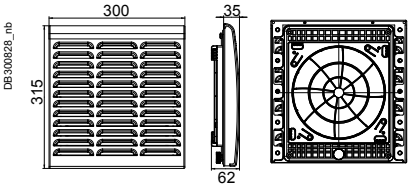

NSYCVF550M24FB

- Free flow rate: 550 (323,72) m³/h (CFM) (50/60 Hz).
- UL Recognized (cURus) and CSA certified. Rated Type 12.
- Minimal depth inside the enclosure (90 (3.54) mm (in.)).
- Allows multiple cooling architectures (**see** page 304 **and** 305).
- Material: polyamide.
- Color: RAL 7016 dark gray.

Supply:
1 (grille not included)

Characteristics	Voltage	References
Fanbox	24 V DC	**NSYCVF550M24FB**
Fanbox	115 V AC	**NSYCVF550M115FB**
Fanbox	230 V AC	**NSYCVF550M230FB**

IP55 HD Metal Grille




NSYCAG223LFHD

- Slim grille (35 (1.38) mm (in.) external depth).
- UL Recognized (cURus). Rated Type 12 according UL 50e.
- Includes a G3 M1.
- Material: Steel with anti-corrosive painting + plastic PA6 / GF25 for fixing frame.
- Finish: Structured finish, 100% polyester powder.
- Color: RAL 7035 gray.
- Ingress protection rating: IP55 according to IEC 60529.
- Mechanical protection rating: IK10 according to IEC 62262.

Supply:
1 grille delivered with G3 M1 type synthetic filter (215 x 215 mm (in.)) and fixings

Characteristics	References
IP55 HD Metal Grille	**NSYCAG223LFHD**

Roof Filter for Fanbox (Extraction Mode)

NSYCAF190

- Roof G2 round synthetic filter designed to cover the fanbox.
  Covers completely the fanbox to help protect it from dust and humidity.
  Mandatory for fanbox installation in the roof airing module for IP55 configurations.
- Material: 100% polyester fibers.
- Color: White.

Supply:
1

Characteristics	References
IP55 HD Metal Grille	**NSYCAG223LFHD**

Filter


NSYCAF223T

- Replacement G3 M1-type synthetic filter for HD metal grille.
- Dimensions: 215 (8.46) x 215 (8.46) mm (in.).
- Material: 100% polyester fibers.
- Color: White.

Supply:
5

Characteristics	**Height** mm (in.)	**Width** mm (in.)	**Depth** mm (in.)	**Cut-out** mm (in.)	References
G3 M1 synthetic fine filters	268 (10.55)	248 (9.76)	18 (0.71)	223 (8.78) x 223 (8.78)	**NSYCAF223T**

Anti-Vandalism Kit for HD Metal Grille

Comment:
Not compatible with **NSYSPLA150**

- Fixings that help to prevent to open the grille from the outside with standard tools (EN 1627-1630:2011 Class 2).
- Quick installation without tools.
- Material: Steel with anticorrosive painting + plastic for fixing screws.

Supply:
4 grip knob
4 clip nuts


• NSYCAAPVHD

Characteristics	References
Anti-vandalism kit for HD metal grille	**NSYCAAPVHD**

Note: Accessories mounted outside of the enclosure.

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

ClimaSys CV: Standard Ventilation System

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

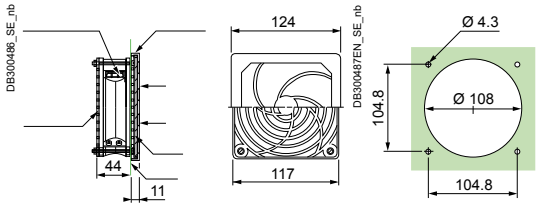
ClimaSys CV: Standard Ventilation System

Accessories

Fans by Components

Fans

- Two models according to the input voltage: 230 and 115 V, 50-60 Hz.
- Ingress protection rating: IP20 according to IEC 60529.
- Options: IP20 outlet grille (ABS, black) and filter (black polyurethane foam).
- UL (cURus). Rated 12 according to UL50E.
- With 1 outlet kit (grille & filter), 1 rear grille, 1 fan motor NSYCVF156Mxxx, 4 fixing screws.




NSYCVF65M115PF

Characteristics	Free air flow m³/h (CFM)	Air flow with fan and outlet grilles and filters m³/h (CFM)	Voltage (V)	References
Fan	170 (100.06)	Fan: 65 (38.26)	115	**NSYCVF65M115PF**
Fan	170 (100.06)	Fan: 65 (38.26)	230	**NSYCVF65M230PF**

Fan Accessories

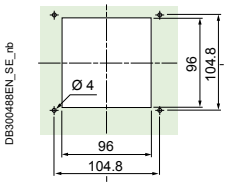

NSYCAG108LP

Characteristics	Dimensions External mm (in.)	References
Outlet grille	124 (4.88) x 124 (4.88) x 11 (0.43)	**NSYCAG108LP**
Filter	124 (4.88) x 124 (4.88)	**NSYCAF108**

5

Airing Kit

- Ingress protection rating: IP33 according to IEC 60529.
- Mechanical protection rating: IK10 according to IEC 62262.
- Overall flow rate: 54 (31.78) m³/h (CFM).



Supply:
- One 120 (4.72) x 120 (4.72) x 38 (1.50) mm (in.) fan, 230 V - 50/60 Hz, free flow rate 170 (100.06) m³/h,
- Two 120 (4.72) x 120 (4.72) mm (in.) metal grilles, RAL 7035 gray,
- Two 115 (4.53) x 98 (3.86) mm (in.) anti-insect filters, stainless-steel 304L cable Ø 0.32 (0.01) mm (in.) braided,
- 1.07 (0.04) mm (in.) meshes,
- 1 power cord,
- The fixings required for installation.


NSYCVF54M230MM2

Characteristics	Flow rate m³/h (CFM)	Voltage (V)	References
Airing kit	54 (31.78)	230	**NSYCVF54M230MM2**

Top Hood with Fan and Cover

- Ingress protection rating: IP54 according to IEC 60529.
- Installation: Installation and removal from the outside.
- Electric power: 85 W.
- Noise level: 64 dB (A).

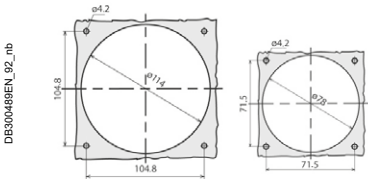
Comment:
Flow rate measured without counter-pressure.

Supply:
Delivered with fixings and connection terminal block.


NSYCVF570M115MF

Characteristics	Weight kg (lbs.)	Flow rate m³/h (CFM)	Voltage (V)	References
Top hood with fan and cover	5.8 (12.79)	570 (335.49)	115	**NSYCVF570M115MF**
Top hood with fan and cover	5.8 (12.79)	575 (338.43)	230	**NSYCVF575M230MF**

Fan Motor



- Turbine-type fan motor for airing/extraction.


NSYCVF156M230


NSYCVF156M115

Characteristics	Flow rate m³/h (CFM)	Voltage (V/Hz)	Absorbed power (W)	Noise level (dB (A))	External dimensions mm (in.)	References
Fan motor	156 (91.82)	230/50-60	17/15	42	120 (4.72) x 120 (4.72) x 38 (1.50)	**NSYCVF156M230**
Fan motor	156 (91.82)	115/50-60	17/15	42	120 (4.72) x 120 (4.72) x 38 (1.50)	**NSYCVF156M115**
Fan motor	35 (20.60)	230/50-60	16/14	32	80 (3.15) x 80 (3.15) x 25 (0.98)	**NSYCVF35M230**
Fan motor	35 (20.60)	115/50-60	16/14	32	80 (3.15) x 80 (3.15) x 25 (0.98)	**NSYCVF35M115**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Fan Accessories

Outlet Grille

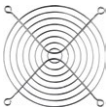


NSYCAG114LPF

- Outlet filter kit for enclosure airing.
- For coupling to fans use **NSYCVF156M●●●** and **NSYCVF35M●●●**.

Characteristics	External dimensions mm (in.)	References
Outlet grille	120 (4.72) x 120 (4.72) x 38 (1.50)	**NSYCAG114LPF**
Outlet grille	80 (3.15) x 80 (3.15) x 25 (0.98)	**NSYCAG78LPF**

Rear Protective Grille



NSYCVA114M



NSYCVA78M

- Protective grille for enclosure fan motor.
- For coupling to fans use **NSYCVF156M●●●** and **NSYCVF35M●●●**.

Characteristics	External dimensions mm (in.)	References
Rear protective grille	120 (4.72) x 120 (4.72) x 38 (1.50)	**NSYCVA114M**
Rear protective grille	80 (3.15) x 80 (3.15) x 25 (0.98)	**NSYCVA78M**

Fan Connection Cable



NSYCVAC100

- For coupling to the connection terminal of the fan motors.

Characteristics	References
Fan connection cable, length = 1 (39.37) m (in.)	**NSYCVAC100**
Fan connection cable, length = 2 (78.74)m (in.)	**NSYCVAC200**

5

Air Circulation for Internal Forced Convection

Circulation Fan



PB501067_53_nb

User protection according to DIN 31001.
Dimensions:

- Fan: 119 (4.68) x 119 (4.68) x 38 (1.50) mm (in.).
- Collar: Length: 140 (5.51) mm (in.); Fixing center-to-center distance: 130 (5.12) mm (in.).
- Motor mounted on ball bearing.

Comment:
(1) Free flow.

Characteristics	Flow rate (1) m³/h (CFM)	Voltage (V)	Weight. kg (lbs.)	P (W)	dB (A)	References
Circulation fan	170 (100.06)	115	0.82 (1.81)	17	41	**NSYCVF170M115**
Circulation fan	170 (100.06)	230	0.82 (1.81)	17	41	**NSYCVF170M230**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

ClimaSys CV: Standard Ventilation System

Dimensions

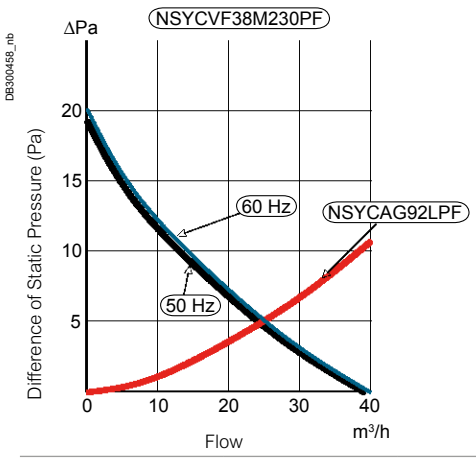
Smart Airing Systems

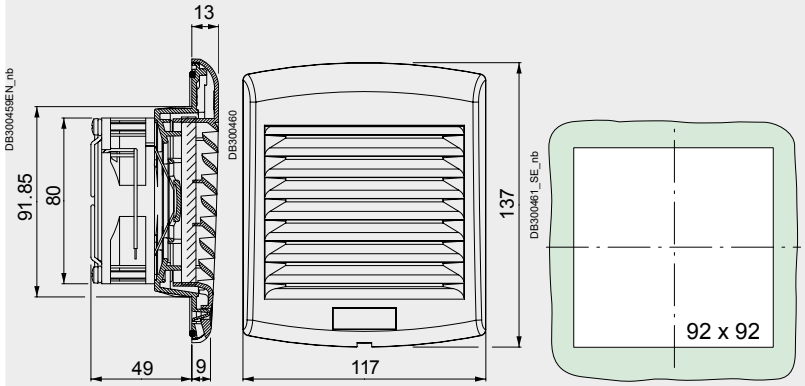
Fan 38 (22.37) m³/h (CFM)

Comment:
Adding the Dust Sensor will decrease the flow rate by nearly 10%.

Note: The fan **NSYCVF38M230DG** and **NSYCVF38M115DG** and **NSYCVF38M230PF** MUST NOT be connected to a power conversion module, an inverter or UPS!

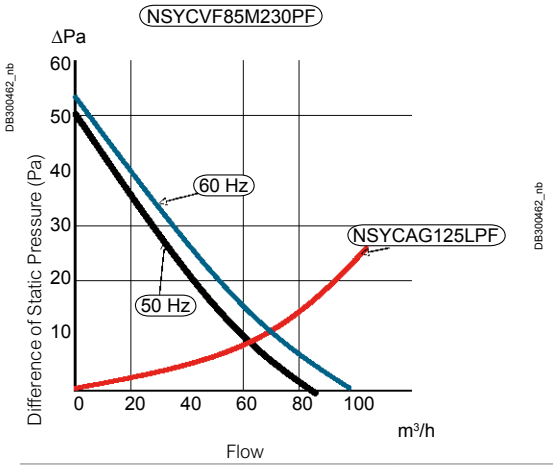
Flow Curves

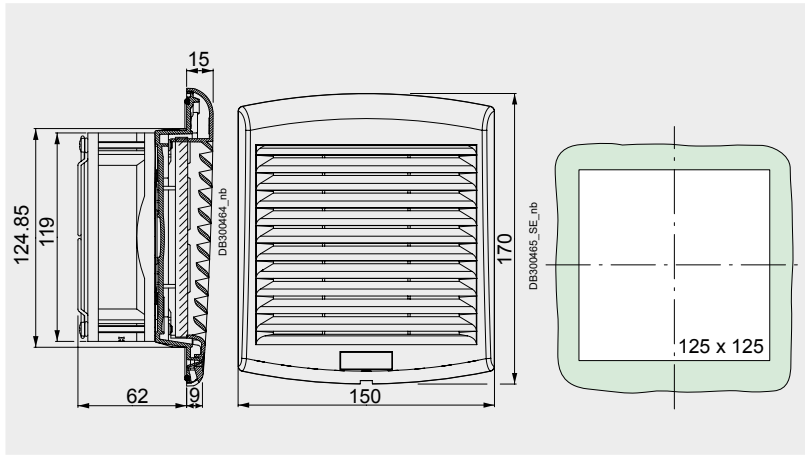




Fan 85 (50.03) m³/h (CFM)

Comment:
Adding the Dust Sensor will decrease the flow rate by nearly 5%.

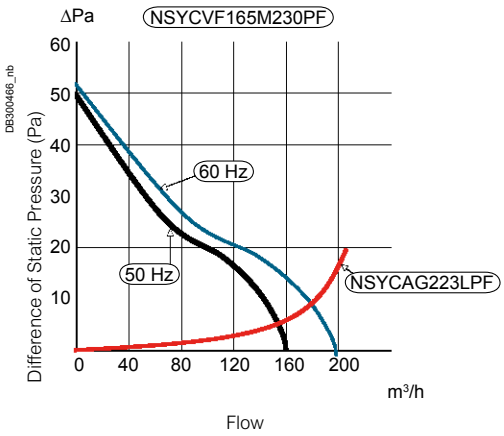


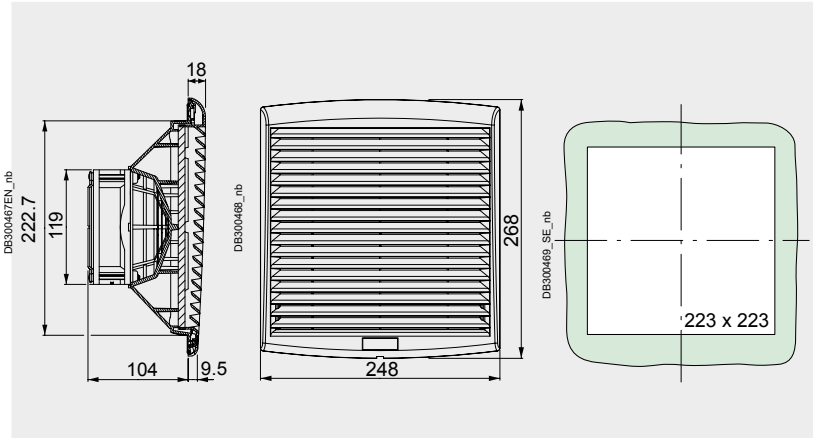


Fan 165 (97.12) m³/h (CFM)

Comment:
Adding the Dust Sensor will decrease the flow rate by nearly 5%.

Flow Curves





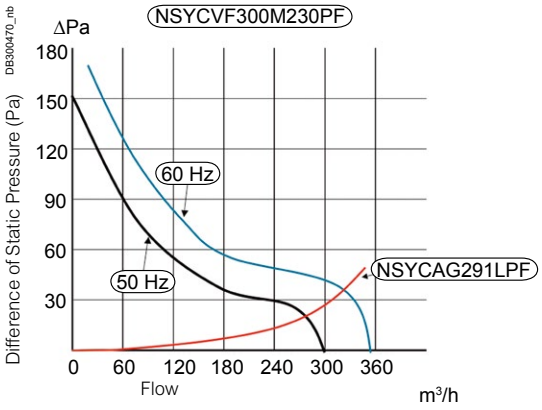
Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

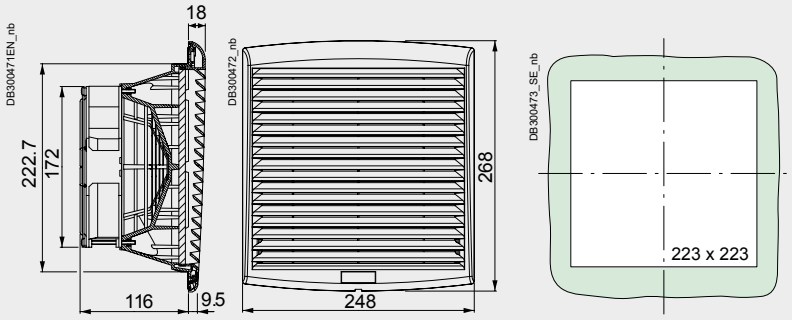
Smart Airing Systems

Fan 300 (176.57) m³/h (CFM)

Comment:
Adding the Dust Sensor will decrease the flow rate by nearly 5%.

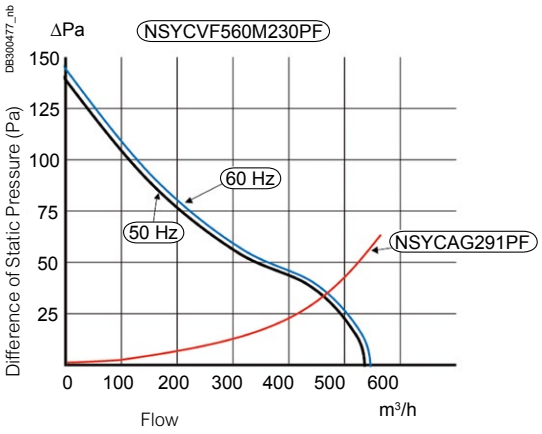
Flow Curves

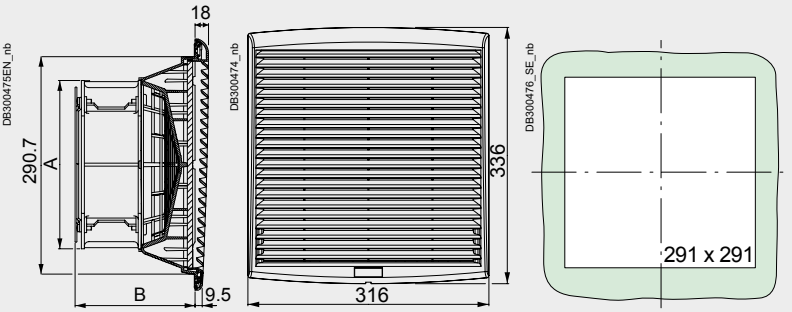




Fan 560 (329.60)-850 (500.29) m³/h (CFM)

Comment:
Adding the Dust Sensor will decrease the flow rate by nearly 5%.

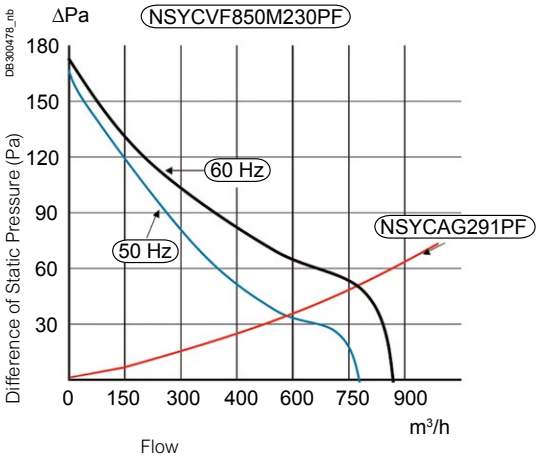




Fan 165 (97.12) m³/h (CFM)

Comment:
Adding the Dust Sensor will decrease the flow rate by nearly 5%.

Flow Curves



References	A mm (in.)	B mm (in.)
NSYCVF560M230PF	225 (8.86)	160.5 (6.32)
NSYCVF560M115PF	225 (8.86)	160.5 (6.32)
NSYCVF850M230PF	280 (11.02)	162 (6.38)
NSYCVF850M115PF	280 (11.02)	162 (6.38)

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

ClimaSys CU

Introduction



This range of Cooling units is the ideal solution for electrical cabinets with :
- High power dissipation generated inside (ex.: VSD - Variable Speed Drive),
- High ambient temperature or humidity (ex.: Steel industry, Specific geographical location),
- Environmental dust or pollution (to avoid air flow from ambient to internal atmosphere).

The unit's integrated alarm and communication system keeps you informed about the operating status of your cooling systems and any temperature conditions.

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Reliability for Greater Peace of Mind



Connectivity New

- Remote visibility for alarms, operating status, and setting data
- Native feature with no specific option / configuration to be defined



Hardware Features

- IP55 for all side cooling units
- Ambient temperature up to 55°C (131°F)
- Optimized condensation water management with no clogging pipe solution
- Top of the art components from the automotive industry: Rotary compressors, micro-channel condenser heat exchanger



Robust Design in Every Situation

- Indoor and outdoor
- Side and roof
- Steel / Stainless Steel



Certifications and Declarations

- Cooling capacity compliant with EN14511 (L35L35 and L35L50)
- Dual compliance with IEC and UL
- Cybersecurity certified according with IEC62443



Redundant Modes for Critical Applications

- 3 redundant mode options: serial, back-up, sequential
- Native feature

Efficiency for Easier Product Selection and Quicker Mounting



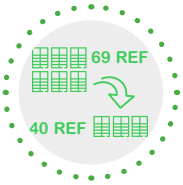
Product Selection

- Easy, optimized product selection with “ProClima Web” combined with SEE Electrical



Mounting and Cabling

- Small sizes Cooling Unit
- Mounting bracket and lifting eyebolts
- 4 independent connectors (Power supply, Signal and Alarm, Modbus, Synchronization)



Offer Portfolio

- All cooling unit functions in 40 references
- Possible customization if required
- 3 mounting options for the Side Indoor Cooling Units: Surface, Half-flush, Flush



Simplicity

- Roof screw fixing from inside (by default) or from outside if required
- Retrofit kits available when required
- Schneider EcoStruxure integration in edge software and cloud advisors

Lower Impact Approach



Qualification

- Compliant with RoHS and REACH regulation
- Product Environmental Profile available

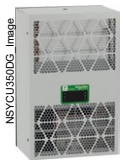
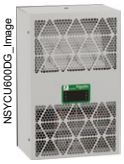
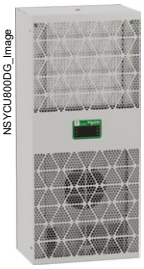
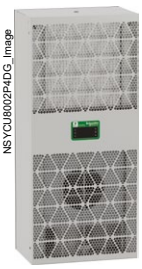
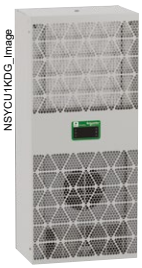
Key Performances

- Suitable combination of Energy Efficiency Ratio and size/weight, compared to the market
- Up to 40% less refrigerant gas per cooling unit for the same cooling capacity (compared to the previous version)
- Up to 80% recycled cardboard, no single-use plastic packaging
- Lighter Instruction Sheet with digital link to user manual

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

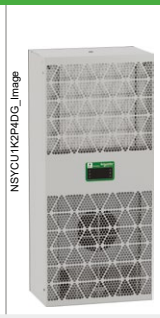
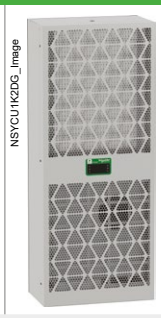
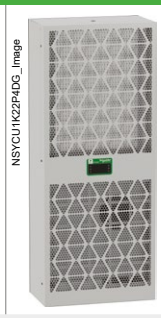
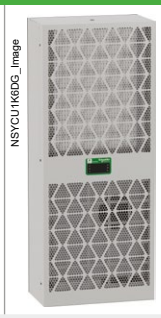
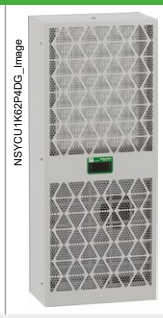
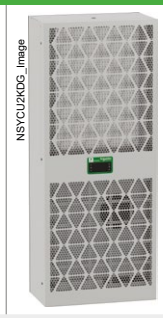
ClimaSys CU: Side Cooling Units

Characteristics

Characteristics	Side-mounted models				
					
	• Alarm, operation and setting info available remotely and locally • Simple, open and easy, native connectivity with Modbus RTU communication • Electronic thermostat with touch screen display • Alarm signal for door contact included in all References • Internal IP55 • Passive water condensate evaporator for all Side Cooling Units strictly above 800 W • Unique combination of optimized Energy Efficiency Ratio and reduced sizes and weight • Easy product selection with ProClima Web associated with SEE Electrical • Filter recommendation: - Office environment (no dust, no grease) : filter free, - Industrial environment (dust, grease, not explosive) : G3 fiber filter is recommended, Indoor CU are delivered without any filter by default.				
Material	Galvanized steel painted in gray RAL 7035 or stainless-steel				
Certifications and declarations	CE (all references, all voltages frequencies) and UL Recognized (cURus) (all references, 60Hz only)				
Installation	Indoor				
Cooling characteristics					
Cooling power L35-L35 according to EN 14511	350 W	650 W	900 W	900 W	1000 W
Cooling power L35-L50 according to EN 14511	186 W	520 W	700 W	700 W	870 W
Air flow of the internal circuit	117 (68.86) m³/h (CFM)	117 (68.86) m³/h (CFM)	550 (323.72) m³/h (CFM)	550 (323.72) m³/h (CFM)	550 (323.72) m³/h (CFM)
Air flow of the external circuit	166 (97.70) m³/h (CFM)	174 (102.41) m³/h (CFM)	850 (500.29) m³/h (CFM)	850 (500.29) m³/h (CFM)	850 (500.29) m³/h (CFM)
Thermostat type	Electronic	Electronic	Electronic	Electronic	Electronic
Temperature range of circuit	+20 (68) ... +50°C (122°F)	+20 (68) ... +50°C (122°F)	+20 (68) ... +50°C (122°F)	+20 (68) ... +50°C (122°F)	+20 (68) ... +50°C (122°F)
Maximum outside temperature	+55°C (131°F)	+55°C (131°F)	+55°C (131°F)	+55°C (131°F)	+55°C (131°F)
Temperature range of external circuit	+5°C (41°F) ... +55°C (131°F)	+5°C (41°F) ... +55°C (131°F)	+5°C (41°F) ... +55°C (131°F)	+5°C (41°F) ... +55°C (131°F)	+5°C (41°F) ... +55°C (131°F)
Type of cooling gas	R134a	R134a	R134a	R134a	R134a
Cooling gas weight	0.126 (0.3) kg (lbs.)	0.110 (0.2) kg (lbs.)	0.120 (0.3) kg (lbs.)	0.120 (0.3) kg (lbs.)	0.145 (0.3) kg (lbs.)
Maximum pressure of cooling circuit	28 bar	28 bar	30 bar	30 bar	30 bar
External filter	Optional, **see** page 322	Optional, **see** page 322	Optional, **see** page 322	Optional, **see** page 322	Optional, **see** page 322
Electric characteristics					
Input voltage	EN IEC: 220–240 V 50 Hz 1~ UL: 230 V ± 6% 60 Hz 1~	EN IEC: 220–240 V 50 Hz 1~ UL: 230 V ± 6% 60 Hz 1~	EN IEC: 220–240 V 50 Hz 1~ UL: 230 V ± 6% 60 Hz 1~	EN IEC: 380–415V 50 Hz 2~ UL: 400V / 460V ± 6% 60 Hz 2~	EN IEC: 220–240 V 50 Hz 1~ UL: 230 V ± 6% 60 Hz 1~
Starting / rated current	3.8 A / 1.4 A	6 A / 2.3 A	6 A / 3 A	4 A / 3 A	6 A / 3 A
Power consumption L35-L35 according to EN 14511	240 W	350 W	480 W	500 W	480 W
Power consumption L35-L50 according to EN 14511	270 W	410 W	530 W	530 W	530 W
Energy efficiency ratio L35-L35 according to EN 14511	1.4	1.8	1.8	1.8	2.1
Thermal protection recommended (circuit breaker)	M9F22116	M9F22116	M9F22116	M9F22216	M9F22116
Thermal protection recommended (fuse)	T15 A	T15 A	T15 A	2 x 15 A	T15 A
Physical characteristics					
External dimensions (H x W x D) mm (in.)	460 (18.11) x 290 (11.42) x 190 (7.48)	460 (18.11) x 290 (11.42) x 190 (7.48)	780 (30.71) x 345 (13.58) x 215 (8.46)	780 (30.71) x 345 (13.58) x 215 (8.46)	780 (30.71) x 345 (13.58) x 215 (8.46)
Protection degree IP internal/external according to IEC	IP55 / IP24	IP55 / IP24	IP55 / IP24	IP55 / IP24	IP55 / IP24
Noise level	55 dB (A)	55 dB (A)	70 dB (A)	70 dB (A)	70 dB (A)
Weight of Unit	11.7 (25.8) kg (lbs.)	13.2 (29.1) kg (lbs.)	22.8 (50.3) kg (lbs.)	27.4 (60.4) kg (lbs.)	22.4 (49.4) kg (lbs.)
References					
Steel	**NSYCU350DG**	**NSYCU600DG**	**NSYCU800DG**	**NSYCU8002P4DG**	**NSYCU1KDG**
Stainless-steel	**NSYCUX350DG**	**NSYCUX600DG**	-	-	**NSYCUX1KDG**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

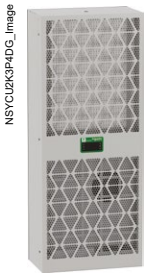
Cooling Units
ClimaSys CU: Side Cooling Units
Characteristics

	 NSYCU1K2P4DG_Image	 NSYCU1K2DG_Image	 NSYCU1K22P4DG_Image	 NSYCU1K6DG_Image	 NSYCU1K62P4DG_Image	 NSYCU2KDG_Image
	1000 W	1200 W	1200 W	1650 W	1650 W	2000 W
	870 W	1050 W	1050 W	1400 W	1400 W	1900 W
	550 (323.72) m³/h (CFM)	850 (500.29) m³/h (CFM)	850 (500.29) m³/h (CFM)	850 (500.29) m³/h (CFM)	850 (500.29) m³/h (CFM)	850 (500.29) m³/h (CFM)
	850 (500.29) m³/h (CFM)	1200 (706.29) m³/h (CFM)	1200 (706.29) m³/h (CFM)	1200 (706.29) m³/h (CFM)	1200 (706.29) m³/h (CFM)	1200 (706.29) m³/h (CFM)
	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic
	+20 (68) ... +50°C (122°F)	+20 (68) ... +50°C (122°F)	+20 (68) ... +50°C (122°F)	+20 (68) ... +50°C (122°F)	+20 (68) ... +50°C (122°F)	+20 (68) ... +50°C (122°F)
	+55°C (131°F)	+55°C (131°F)	+55°C (131°F)	+55°C (131°F)	+55°C (131°F)	+55°C (131°F)
	+5°C (41°F) ... +55°C (131°F)	+5°C (41°F) ... +55°C (131°F)	+5°C (41°F) ... +55°C (131°F)	+5°C (41°F) ... +55°C (131°F)	+5°C (41°F) ... +55°C (131°F)	+5°C (41°F) ... +55°C (131°F)
	R134a	R134a	R134a	R134a	R134a	R134a
	0.145 (0.3) kg (lbs.)	0.255 (0.6) kg (lbs.)	0.255 (0.6) kg (lbs.)	0.323 (0.7) kg (lbs.)	0.323 (0.7) kg (lbs.)	0.410 kg (lbs.) (0.9) kg (lbs.)
	30 bar	30 bar	30 bar	30 bar	30 bar	30 bar
	Optional, **see** page 322	Optional, **see** page 322	Optional, **see** page 322	Optional, **see** page 322	Optional, **see** page 322	Optional, **see** page 322
	EN IEC: 380–415V 50 Hz 2~ UL: 400V / 460V ± 6% 60 Hz 2~	EN IEC: 220–240 V 50 Hz 1~ UL: 230 V ± 6% 60 Hz 1~	EN IEC: 380–415V 50 Hz 2~ UL: 400V / 460V ± 6% 60 Hz 2~	EN IEC: 220–240 V 50 Hz 1~ UL: 230 V ± 6% 60 Hz 1~	EN IEC: 380–415V 50 Hz 2~ UL: 400V / 460V ± 6% 60 Hz 2~	EN IEC: 220–240 V 50 Hz 1~ UL: 230 V ± 6% 60 Hz 1~
	4 A / 2 A	16 A / 6 A	8 A / 2.8 A	16 A / 6 A	8 A / 2.8 A	22 A / 7.5 A
	480 W	700 W	700 W	770 W	770 W	900 W
	530 W	790 W	790 W	880 W	880 W	1100 W
	2.1	1.8	1.8	2.2	2.2	2.2
	M9F22216	M9F22116	M9F22216	M9F22116	M9F22216	M9F22116
	2 x 15 A	T15 A	2 x 15 A	T15 A	2 x 15 A	T15 A
	780 (30.71) x 345 (13.58) x 215 (8.46)	1000 (39.37) x 405 (15.94) x 225 (8.86)	1000 (39.37) x 405 (15.94) x 225 (8.86)	1000 (39.37) x 405 (15.94) x 225 (8.86)	1000 (39.37) x 405 (15.94) x 225 (8.86)	1000 (39.37) x 405 (15.94) x 225 (8.86)
	IP55 / IP24	IP55 / IP24	IP55 / IP24	IP55 / IP24	IP55 / IP24	IP55 / IP24
	70 dB (A)	72 dB (A)	72 dB (A)	72 dB (A)	72 dB (A)	72 dB (A)
	27.4 (60.4) kg (lbs.)	39 kg (86) (lbs.)	44.5 (98.1) kg (lbs.)	39 (86) kg (lbs.)	44.5 (98.1) kg (lbs.)	40.4 (89.1) kg (lbs.)
	NSYCU1K2P4DG	**NSYCU1K2DG**	**NSYCU1K22P4DG**	**NSYCU1K6DG**	**NSYCU1K62P4DG**	**NSYCU2KDG**
	NSYCUX1K2P4DG	-	-	**NSYCUX1K6DG**	-	-

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

ClimaSys CU: Side Cooling Units

Characteristics

Characteristics	Side-mounted models	
	 NSYCU2K3P4DG_Image	 NSYCU3K2DG_Image
	• Alarm, operation and setting info available remotely and locally • Simple, open and easy, native connectivity with Modbus RTU communication • Electronic thermostat with touch screen display • Alarm signal for door contact included in all References • Internal IP55 • Passive water condensate evaporator for all Side Cooling Units strictly above 800 W • Unique combination of optimized Energy Efficiency Ratio and reduced sizes and weight • Easy product selection with ProClima Web associated with SEE Electrical • Filter recommendation: - Office environment (no dust, no grease) : filter free, - Industrial environment (dust, grease, not explosive) : G3 fiber filter is recommended, Indoor CU are delivered without any filter by default.	
Material	Galvanized steel painted in gray RAL 7035 or stainless-steel	
Certifications and declarations	CE (all references, all voltages frequencies) and UL Recognized (cURus) (all references, 60Hz only)	
Installation	Indoor	
Cooling characteristics		
Cooling power L35-L35 according to EN 14511	2000 W	3200 W
Cooling power L35-L50 according to EN 14511	1900 W	2600 W
Air flow of the internal circuit	850 (500.29) m³/h (CFM)	1200 (706.29) m³/h (CFM)
Air flow of the external circuit	1200 (706.29) m³/h (CFM)	1400 (824.01) m³/h (CFM)
Thermostat type	Electronic	Electronic
Temperature range of circuit	+20 (68) … +50°C (122°F)	+20 (68) … +50°C (122°F)
Maximum outside temperature	+55°C (131°F)	+55°C (131°F)
Temperature range of external circuit	+5°C (41°F) … +55°C (131°F)	+5°C (41°F) … +55°C (131°F)
Type of cooling gas	R134a	R134a
Cooling gas weight	0.390 (0.9) kg (lbs.)	0.482 (1.1) kg (lbs.)
Maximum pressure of cooling circuit	30 bar	32 bar
External filter	Optional, **see** page 322	Optional, **see** page 322
Electric characteristics		
Input voltage	EN IEC: 380–415V 50 Hz 3~ UL: 400V / 460V ± 6% 60 Hz 3~	EN IEC: 220–240 V 50 Hz 1~ UL: 230 V ± 6% 60 Hz 1~
Starting / rated current	13 A / 2.5 A	30 A / 9 A
Power consumption L35-L35 according to EN 14511	900 W	1200 W
Power consumption L35-L50 according to EN 14511	1000 W	1400 W
Energy efficiency ratio L35-L35 according to EN 14511	2.2	2.6
Thermal protection recommended (circuit breaker)	M9F22316	M9F22116
Thermal protection recommended (fuse)	3 x 15 A	T15 A
Physical characteristics		
External dimensions (H x W x D) mm (in.)	1000 (39.37) x 405 (15.94) x 225 (8.86)	1300 (51.18) x 490 (19.29) x 250 (9.84)
Protection degree IP internal/external according to IEC	IP55 / IP24	IP55 / IP24
Noise level	72 dB (A)	72 dB (A)
Weight of Unit	40.4 (89.1) kg (lbs.)	58.9 (129.9) kg (lbs.)
References		
Steel	**NSYCU2K3P4DG**	**NSYCU3K2DG**
Stainless-steel	**NSYCUX2K3P4DG**	-

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

ClimaSys CU: Side Cooling Units

Characteristics





3200 W	4000 W
2600 W	3200 W
1200 (706.29) m³/h (CFM)	1200 (706.29) m³/h (CFM)
1400 (824.01) m³/h (CFM)	1400 (824.01) m³/h (CFM)
Electronic	Electronic
+20 (68) … +50°C (122°F)	+20 (68) … +50°C (122°F)
+55°C (131°F)	+55°C (131°F)
+5°C (41°F) … +55°C (131°F)	+5°C (41°F) … +55°C (131°F)
R134a	R134a
0.482 (1.1) kg (lbs.)	0.673 (1.5) kg (lbs.)
32 bar	32 bar
Optional, **see** page 322	Optional, **see** page 322
EN IEC: 380–415V 50 Hz 3~ UL: 400V / 460V ± 6% 60 Hz 3~	EN IEC: 380–415V 50 Hz 3~ UL: 400V / 460V ± 6% 60 Hz 3~
20 A / 3.5 A	15 A / 5 A
1200 W	1700 W
1400 W	2800 W
2.6	2.3
M9F22316	M9F22316
3 x 15 A	3 x 15 A
1300 (51.18) x 490 (19.29) x 250 (9.84)	1300 (51.18) x 490 (19.29) x 250 (9.84)
IP55 / IP24	IP55 / IP24
72 dB (A)	72 dB (A)
58.9 kg (129.9) (lbs.)	62.2 (137.1) kg (lbs.)
NSYCU3K23P4DG	**NSYCU4K3P4DG**
-	-

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

ClimaSys CU: Roof Cooling Units

Characteristics

Characteristics	Roof-mounted models				
					
	• Alarm, operation and setting info available remotely and locally • Simple, open and easy, native connectivity with Modbus RTU communication • Electronic thermostat with touch screen display • Alarm signal for door contact included in all References • Passive water condensate evaporator for all Side Cooling Units strictly above 800 W • Unique combination of optimized Energy Efficiency Ratio and reduced sizes and weight • Easy product selection with ProClima Web associated with SEE Electrical • Filter recommendation: - Office environment (no dust, no grease) : filter free, - Industrial environment (dust, grease, not explosive) : G3 fiber filter is recommended, Indoor CU are delivered without any filter by default.				
Material	Galvanized steel painted in gray RAL 7035 or stainless-steel				
Certifications and declarations	CE (all references, all voltages frequencies) and UL Recognized (cURus) (all references, 60Hz only)				
Installation	Indoor				
Cooling characteristics					
Cooling power L35-L35 according to EN 14511	650 W	850 W	850 W	1250 W	1250 W
Cooling power L35-L50 according to EN 14511	580 W	600 W	600 W	800 W	800 W
Air flow of the internal circuit	180 (105,94) m³/h (CFM)	850 (500.29) m³/h (CFM)	850 (500.29) m³/h (CFM)	850 (500.29) m³/h (CFM)	850 (500.29) m³/h (CFM)
Air flow of the external circuit	408 (240,14) m³/h (CFM)	850 (500.29) m³/h (CFM)	850 (500.29) m³/h (CFM)	850 (500.29) m³/h (CFM)	850 (500.29) m³/h (CFM)
Thermostat type	Electronic	Electronic	Electronic	Electronic	Electronic
Temperature range of circuit	+20 (68) ... +50°C (122°F)	+20 (68) ... +50°C (122°F)	+20 (68) ... +50°C (122°F)	+20 (68) ... +50°C (122°F)	+20 (68) ... +50°C (122°F)
Maximum outside temperature	+55°C (131°F)	+55°C (131°F)	+55°C (131°F)	+55°C (131°F)	+55°C (131°F)
Temperature range of external circuit	+5°C (41°F) ... +55°C (131°F)	+5°C (41°F) ... +55°C (131°F)	+5°C (41°F) ... +55°C (131°F)	+5°C (41°F) ... +55°C (131°F)	+5°C (41°F) ... +55°C (131°F)
Type of cooling gas	R134a	R134a	R134a	R134a	R134a
Cooling gas weight	0.120 (0.3) kg (lbs.)	0.132 (0.3) kg (lbs.)	0.132 (0.3) kg (lbs.)	0.156 (0.3) kg (lbs.)	0.156 (0.3) kg (lbs.)
Maximum pressure of cooling circuit	28 bar	28 bar	28 bar	32 bar	32 bar
External filter	Optional, **see** page 322	Optional, **see** page 322	Optional, **see** page 322	Optional, **see** page 322	Optional, **see** page 322
Electric characteristics					
Input voltage	EN IEC: 220–240V 50 Hz 1~ UL: 230V ± 6% 60 Hz 1~	EN IEC: 220–240V 50 Hz 1~ UL: 230V ± 6% 60 Hz 1~	EN IEC: 380–415V 50 Hz 2~ UL: 460V ± 6% 60 Hz 2~	EN IEC: 220–240V 50 Hz 1~ UL: 230V ± 6% 60 Hz 1~	EN IEC: 380–415V 50 Hz 2~ UL: 460V ± 6% 60 Hz 2~
Starting / rated current	6 A / 2.2 A	6 A / 3 A	4 A / 1.9 A	16 A / 4.3 A	8 A / 2.2 A
Power consumption L35-L35 according to EN 14511	340 W	490 W	530 W	650 W	700 W
Power consumption L35-L50 according to EN 14511	390 W	550 W	580 W	700 W	750 W
Energy efficiency ratio L35-L35 according to EN 14511	1.9	1.7	1.6	1.9	1.8
Thermal protection recommended (circuit breaker)	M9F22116	M9F22116	M9F22216	M9F22116	M9F22216
Thermal protection recommended (fuse)	T15 A	T15 A	2 x 15 A	T15 A	2 x 15 A
Physical characteristics					
External dimensions (H x W x D) mm (in.)	368 (14.49) x 400 (15.75) x 325 (12.80)	412 (16.22) x 595 (23.43) x 395 (15.55)	412 (16.22) x 595 (23.43) x 395 (15.55)	412 (16.22) x 595 (23.43) x 395 (15.55)	412 (16.22) x 595 (23.43) x 395 (15.55)
Protection degree IP internal/external according to IEC	IP54 / IP24	IP54 / IP24	IP54 / IP24	IP54 / IP24	IP54 / IP24
Noise level	55 dB (A)	70 dB (A)	70 dB (A)	70 dB (A)	70 dB (A)
Weight of Unit	16.8 (37) kg (lbs.)	27.5 (60.6) kg (lbs.)	32 (70.5) kg (lbs.)	34.5 (76.1) kg (lbs.)	39 (86) kg (lbs.)
References					
Steel	**NSYCU600RDG**	**NSYCU800RDG**	**NSYCU8002P4RDG**	**NSYCU1K2RDG**	**NSYCU1K22P4RDG**

Evaporation device for condensation water (external installation)

- Device allowing the evaporation of water condensate from the internal heat exchanger (evaporator).
- Accessory compatible for all Indoor Cooling Unit (Side and Roof).

Heat sink

NSYCUACC009DG

Characteristics	Value
Mechanical data	
Height x Width x Depth	103 x 164 x 148 mm (4.1 x 6.5 x 5.8 in)
Weight	1.2 kg (lbs.) (2.6 lbs.)
Implementation	External mounting of the Cooling Unit
Electrical data	
Voltage / Frequency	1 x 230 V / 50-60 Hz
Starting current	2 A
Power consumption	
During operation (max. heater fully immersed)	230 W
Stabdby (dry)	25 W
Performance	
Evaporation rate	0.25 l/h

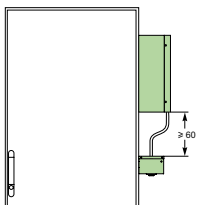
Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

ClimaSys CU: Roof Cooling Units

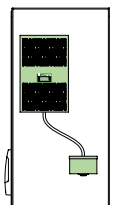
Characteristics

						
	1550 W	1550 W	2100 W	2000 W	3200 W	4000 W
	1200 W	1200 W	1600 W	1500 W	2640 W	3300 W
	850 (500.29) m³/h (CFM)	850 (500.29) m³/h (CFM)	850 (500.29) m³/h (CFM)	850 (500.29) m³/h (CFM)	1200 (706.29) m³/h (CFM)	1200 (706.29) m³/h (CFM)
	850 (500.29) m³/h (CFM)	850 (500.29) m³/h (CFM)	1200 (706.29) m³/h (CFM)	1200 (706.29) m³/h (CFM)	1400 m3/h	1400 m3/h
	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic
	+20 (68) ... +50°C (122°F)	+20 (68) ... +50°C (122°F)	+20 (68) ... +50°C (122°F)	+20 (68) ... +50°C (122°F)	+20 (68) ... +50°C (122°F)	+20 (68) ... +50°C (122°F)
	+55°C (131°F)	+55°C (131°F)	+55°C (131°F)	+55°C (131°F)	+55°C (131°F)	+55°C (131°F)
	+5°C (41°F) ... +55°C (131°F)	+5°C (41°F) ... +55°C (131°F)	+5°C (41°F) ... +55°C (131°F)	+5°C (41°F) ... +55°C (131°F)	+5°C (41°F) ... +55°C (131°F)	+5°C (41°F) ... +55°C (131°F)
	R134a	R134a	R134a	R134a	R134a	R134a
	0.267 (0.6) kg (lbs.)	0.267 (0.6) kg (lbs.)	0.320 (0.7) kg (lbs.)	0.420 (0.9) kg (lbs.)	0.482 (1.1) kg (lbs.)	0.545 (1.2) kg (lbs.)
	32 bar	32 bar	32 bar	32 bar	32 bar	32 bar
	Optional, **see** page 322	Optional, **see** page 322	Optional, **see** page 322	Optional, **see** page 322	Optional, **see** page 322	Optional, **see** page 322
	EN IEC: 220–240V 50 Hz 1~ UL: 230V ± 6% 60 Hz 1~	EN IEC: 380–415V 50 Hz 2~ UL: 460V ± 6% 60 Hz 2~	EN IEC: 220–240V 50 Hz 1~ UL: 230V ± 6% 60 Hz 1~	EN IEC: 380–415V 50 Hz 3~ UL: 460V ± 6% 60 Hz 3~	EN IEC: 380–415V 50 Hz 3~ UL: 460V ± 6% 60 Hz 3~	EN IEC: 380–415V 50 Hz 3~ UL: 460V ± 6% 60 Hz 3~
	16 A / 6.1 A	8 A / 3 A	22 A / 6.4 A	13 A / 2.4 A	20 A / 3.2 A	28 A / 4.1 A
	700 W	760 W	870 W	840 W	1170 W	1480 W
	800 W	860 W	1030 W	1010 W	1400 W	1770 W
	2.1	2.0	2.4	2.4	2.7	2.7
	M9F22116	M9F22216	M9F22116	M9F22316	M9F22316	M9F22316
	T15 A	2 x 15 A	T15 A	3 x 15 A	3 x 15 A	3 x 15 A
	412 (16.22) x 595 (23.43) x 395 (15.55)	412 (16.22) x 595 (23.43) x 395 (15.55)	435 (17.13) x 595 (23.43) x 475 (18.70)	435 (17.13) x 595 (23.43) x 475 (18.70)	456 (17.95) x 795 (31.30) x 575 22.64	456 (17.95) x 795 (31.30) x 575 22.64
	IP54 / IP24	IP54 / IP24	IP54 / IP24	IP54 / IP24	IP54 / IP24	IP54 / IP24
	70 dB (A)	70 dB (A)	72 dB (A)	72 dB (A)	72 dB (A)	72 dB (A)
	34.5 (76.1) kg (lbs.)	39 (86) kg (lbs.)	38.1 (84) kg (lbs.)	40.1 (88.4) kg (lbs.)	54.2 (119.5) kg (lbs.)	57.2 (126.1) kg (lbs.)
	NSYCU1K5RDG	**NSYCU1K52P4RDG**	**NSYCU2KRDG**	**NSYCU2K3P4RDG**	**NSYCU3K3P4RDG**	**NSYCU4K3P4RDG**

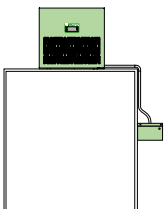
Side-Mounted 01

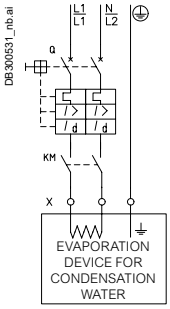


Side-Mounted 02



Roof-Mounted

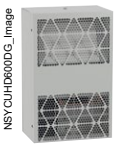
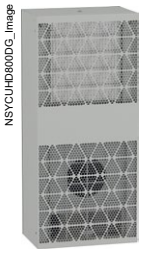
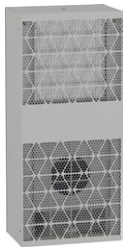




Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

ClimaSys CU: Outdoor Cooling Units

Characteristics

Characteristics	Side-mounted models			
				
	• Alarm, operation and setting info available remotely and locally • Simple, open and easy, native connectivity with Modbus RTU communication • Electronic thermostat with touch screen display mounter in the enclosure side • Alarm signal for door contact included in all References • Internal IP55 • Unique combination of optimized Energy Efficiency Ratio and reduced sizes and weight • Easy product selection with ProClima Web associated with SEE Electrical • Anti-corrosion protection (class C3H) • External screws are safety Torx head • Aluminum filter re placement access is closed with a lid • Minimum ambient temperature range reaches -20 °C adding a heater to the compressor body • Filter recommendation: - Office environment (no dust, no grease): filter free, - Industrial environment (dust, grease, not explosive): G3 fiber filter is recommended, - Outdoor (not explosive) : aluminum filter is recommended, Indoor CU are delivered without any filter by default Outdoor CU are delivered with Aluminum filter by default.			
Material	Galvanized steel painted in gray RAL 7035			
Certifications and declarations	CE (all references, all voltages frequencies) and UL Recognized (cURus) (all references, 60Hz only)			
Installation	Indoor or outdoor			
Cooling characteristics				
Cooling power L35-L35 according to EN 14511	350 W	650 W	900 W	1000 W
Cooling power L35-L50 according to EN 14511	186 W	520 W	700 W	870 W
Air flow of the internal circuit	117 (68.86) m³/h (CFM)	117 (68.86) m³/h (CFM)	550 (323.72) m³/h (CFM)	550 (323.72) m³/h (CFM)
Air flow of the external circuit	166 (97,70) m³/h (CFM)	174 (102,41) m³/h (CFM)	850 (500.29) m³/h (CFM)	850 (500.29) m³/h (CFM)
Thermostat type	Electronic	Electronic	Electronic	Electronic
Temperature range of circuit	+20 (68) ... +50°C (122°F)	+20 (68) ... +50°C (122°F)	+20 (68) ... +50°C (122°F)	+20 (68) ... +50°C (122°F)
Maximum outside temperature	+55°C (131°F)	+55°C (131°F)	+55°C (131°F)	+55°C (131°F)
Temperature range of external circuit	-20 °C (-4°F)... +55°C (131°F)	-20 °C (-4°F)... +55°C (131°F)	-20 °C (-4°F)... +55°C (131°F)	-20 °C (-4°F)... +55°C (131°F)
Type of cooling gas	R134a	R134a	R134a	R134a
Cooling gas weight	0.124 (0.3) kg (lbs.)	0.110 (0.2) kg (lbs.)	0.120 (0.3) kg (lbs.)	0.174 (0.4) kg (lbs.)
Maximum pressure of cooling circuit	28 bar	30 bar	30 bar	30 bar
External filter	Aluminum filter included	Aluminum filter included	Aluminum filter included	Aluminum filter included
Electric characteristics				
Input voltage	EN IEC: 220–240 V 50 Hz 1~ UL: 230 V ± 6% 60 Hz 1~	EN IEC: 220–240 V 50 Hz 1~ UL: 230 V ± 6% 60 Hz 1~	EN IEC: 220–240 V 50 Hz 1~ UL: 230 V ± 6% 60 Hz 1~	EN IEC: 220–240 V 50 Hz 1~ UL: 230 V ± 6% 60 Hz 1~
Starting / rated current	3.8 A / 1.4 A	6 A / 2.3 A	6 A / 3 A	6 A / 3 A
Power consumption L35-L35 according to EN 14511	240 W	350 W	480 W	480 W
Power consumption L35-L50 according to EN 14511	270 W	410 W	530 W	530 W
Energy efficiency ratio L35-L35 according to EN 14511	1.4	1.8	1.8	2.1
Thermal protection recommended (circuit breaker)	M9F22116	M9F22116	M9F22116	M9F22116
Thermal protection recommended (fuse)	T15 A	T15 A	T15 A	T15 A
Physical characteristics				
External dimensions (H x W x D) mm (in.)	460 (18.11) x 290 (11.42) x 190 (7.48)	460 (18.11) x 290 (11.42) x 190 (7.48)	780 (30.71) x 345 (13.58) x 215 (8.46)	780 (30.71) x 345 (13.58) x 215 (8.46)
Protection degree IP internal/external according to IEC	IP55 / IP24	IP55 / IP24	IP55 / IP24	IP55 / IP24
Noise level	55 dB (A)	55 dB (A)	70 dB (A)	70 dB (A)
Weight of Unit	11.7 (25.8) kg (lbs.)	13.2 (29.1) kg (lbs.)	22.8 (50.3) kg (lbs.)	22.8 (50.3) kg (lbs.)
References				
Steel	**NSYCUHD350DG**	**NSYCUHD600DG**	**NSYCUHD800DG**	**NSYCUHD1KDG**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

ClimaSys CU: Outdoor Cooling Units

Characteristics

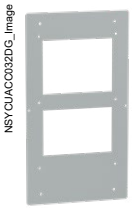
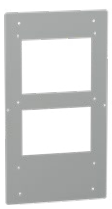
	 NSYCUHD1K2P4DG_Image	 NSYCUHD1K6DG_Image	 NSYCUHD1K62P4DG_Image	 NSYCUHD2K3P4DG_Image
	1000 W	1650 W	1650 W	2000 W
	870 W	1400 W	1400 W	1900 W
	550 (323.72) m³/h (CFM)	850 (500.29) m³/h (CFM)	850 (500.29) m³/h (CFM)	850 (500.29) m³/h (CFM)
	850 (500.29) m³/h (CFM)	1200 (706.29) m³/h (CFM)	1200 (706.29) m³/h (CFM)	1200 (706.29) m³/h (CFM)
	Electronic	Electronic	Electronic	Electronic
	+20 (68) ... +50°C (122°F)	+20 (68) ... +50°C (122°F)	+20 (68) ... +50°C (122°F)	+20 (68) ... +50°C (122°F)
	+55°C (131°F)	+55°C (131°F)	+55°C (131°F)	+55°C (131°F)
	-20 °C (-4°F)... +55°C (131°F)	-20 °C (-4°F)... +55°C (131°F)	-20 °C (-4°F)... +55°C (131°F)	-20 °C (-4°F)... +55°C (131°F)
	R134a	R134a	R134a	R134a
	0.174 (0.4) kg (lbs.)	0.323 (0.7) kg (lbs.)	0.323 (0.7) kg (lbs.)	0.390 (0.9) kg (lbs.)
	30 bar	30 bar	30 bar	30 bar
	Aluminum filter included	Aluminum filter included	Aluminum filter included	Aluminum filter included
	EN IEC: 380–415V 50 Hz 2~ UL: 400V / 460V ± 6% 60 Hz 2~	EN IEC: 220–240 V 50 Hz 1~ UL: 230 V ± 6% 60 Hz 1~	EN IEC: 380–415V 50 Hz 2~ UL: 400V / 460V ± 6% 60 Hz 2~	EN IEC: 380–415V 50 Hz 3~ UL: 400V / 460V ± 6% 60 Hz 3~
	4 A / 2 A	16 A / 6 A	8 A / 2.8 A	13 A / 2.5 A
	480 W	770 W	770 W	900 W
	530 W	880 W	880 W	1000 W
	2.1	2.2	2.2	2.2
	M9F22216	M9F22116	M9F22216	M9F22316
	T15 A	T15 A	T15 A	T15 A
	780 (30.71) x 345 (13.58) x 215 (8.46)	1000 (39.37) x 405 (15.94) x 225 (8.86)	1000 (39.37) x 405 (15.94) x 225 (8.86)	1000 (39.37) x 405 (15.94) x 225 (8.86)
	IP55 / IP24	IP55 / IP24	IP55 / IP24	IP55 / IP24
	70 dB (A)	72 dB (A)	72 dB (A)	72 dB (A)
	27.4 (60.4) kg (lbs.)	39 (86) kg (lbs.)	44.5 (98.1) kg (lbs.)	40.4 (89.1) kg (lbs.)
	NSYCUHD1K2P4DG	**NSYCUHD1K6DG**	**NSYCUHD1K62P4DG**	**NSYCUHD2K3P4DG**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Accessories

Characteristics	Material		Filter	
				
	Steel	Stainless-steel	Fiber filter	Aluminum filter
			Filter not recommended for outdoor models	Filter recommended for outdoor models
Color			-	-
Supply			5 units	1 unit
Cooling units	**References**			
Side Indoor CU	**NSYCU350DG**	**NSYCUX350DG**	**NSYCUACC001DG**	**NSYCUACC005DG**
	NSYCU600DG	**NSYCUX600DG**	**NSYCUACC001DG**	**NSYCUACC005DG**
	NSYCU800DG	-	**NSYCUACC002DG**	**NSYCUACC006DG**
	NSYCU8002P4DG	-	**NSYCUACC002DG**	**NSYCUACC006DG**
	NSYCU1KDG	**NSYCUX1KDG**	**NSYCUACC002DG**	**NSYCUACC006DG**
	NSYCU1K2P4DG	**NSYCUX1K2P4DG**	**NSYCUACC002DG**	**NSYCUACC006DG**
	NSYCU1K2DG	-	**NSYCUACC003DG**	**NSYCUACC007DG**
	NSYCU1K22P4DG	-	**NSYCUACC003DG**	**NSYCUACC007DG**
	NSYCU1K6DG	**NSYCUX1K6DG**	**NSYCUACC003DG**	**NSYCUACC007DG**
	NSYCU1K62P4DG	-	**NSYCUACC003DG**	**NSYCUACC007DG**
	NSYCU2KDG	-	**NSYCUACC003DG**	**NSYCUACC007DG**
	NSYCU2K3P4DG	**NSYCUX2K3P4DG**	**NSYCUACC003DG**	**NSYCUACC007DG**
	NSYCU3K2DG	-	**NSYCUACC004DG**	**NSYCUACC008DG**
	NSYCU3K23P4DG	-	**NSYCUACC004DG**	**NSYCUACC008DG**
	NSYCU4K3P4DG	-	**NSYCUACC004DG**	**NSYCUACC008DG**
Roof indoor CU	**NSYCU600RDG**	-	**NSYCUACC010DG**	**NSYCUACC014DG**
	NSYCU800RDG	-	**NSYCUACC011DG**	**NSYCUACC015DG**
	NSYCU8002P4RDG	-	**NSYCUACC011DG**	**NSYCUACC015DG**
	NSYCU1K2RDG	-	**NSYCUACC011DG**	**NSYCUACC015DG**
	NSYCU1K22P4RDG	-	**NSYCUACC011DG**	**NSYCUACC015DG**
	NSYCU1K5RDG	-	**NSYCUACC011DG**	**NSYCUACC015DG**
	NSYCU1K52P4RDG	-	**NSYCUACC011DG**	**NSYCUACC015DG**
	NSYCU2KRDG	-	**NSYCUACC011DG**	**NSYCUACC015DG**
	NSYCU2K3P4RDG	-	**NSYCUACC011DG**	**NSYCUACC015DG**
	NSYCU3K3P4RDG	-	**NSYCUACC013DG**	**NSYCUACC017DG**
	NSYCU4K3P4RDG	-	**NSYCUACC013DG**	**NSYCUACC017DG**
Side outdoor CU	**NSYCUHD350DG**	-	-	**NSYCUACC005DG**
	NSYCUH600DG	-	-	**NSYCUACC005DG**
	NSYCUHD800DG	-	-	**NSYCUACC006DG**
	NSYCUHD1KDG	-	-	**NSYCUACC006DG**
	NSYCUHD1K2P4DG	-	-	**NSYCUACC006DG**
	NSYCUHD1K6DG	-	-	**NSYCUACC007DG**
	NSYCUHD1K62P4DG	-	-	**NSYCUACC007DG**
	NSYCUHD2K3P4DG	-	-	**NSYCUACC007DG**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

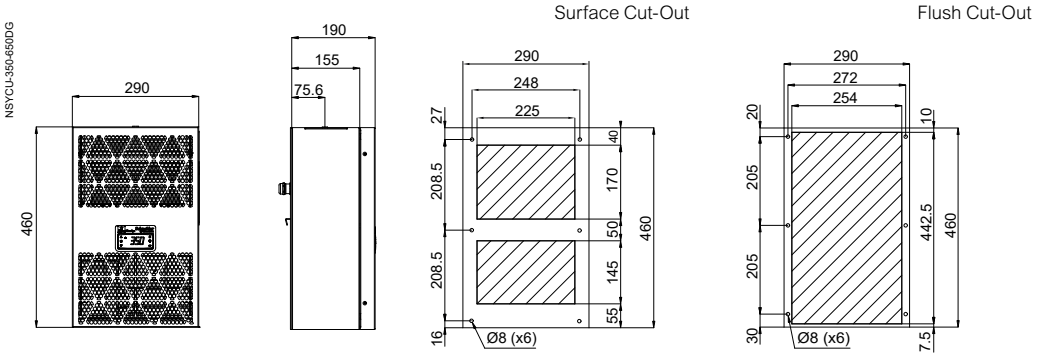
	External condensate evaporator	Half-flush kit		Retrofit kit	
					
		Steel	Stainless-steel	Steel	Stainless-steel
	For water condensate evaporation	-	-	Kit to mount a new Cooling Unit in place of an existing Schneider Electric Cooling Unit from the previous range	Kit to mount a new Cooling Unit in place of an existing Schneider Electric Cooling Unit from the previous range
	-	RAL 7035 gray	-	RAL 7035 gray	-
	1 unit	1 unit	1 unit	1 unit	1 unit
	NSYCUACC009DG	**NSYCUACC034DG**	**NSYCUACC038DG**	-	-
	NSYCUACC009DG	**NSYCUACC034DG**	**NSYCUACC038DG**	**NSYCUACC032DG**	**NSYCUACC022DG**
	NSYCUACC009DG	**NSYCUACC035DG**	-	-	-
	NSYCUACC009DG	**NSYCUACC035DG**	-	-	-
	NSYCUACC009DG	**NSYCUACC035DG**	**NSYCUACC039DG**	-	-
	NSYCUACC009DG	**NSYCUACC035DG**	**NSYCUACC039DG**	-	-
	NSYCUACC009DG	**NSYCUACC036DG**	-	**NSYCUACC023DG** - Flush **NSYCUACC024DG** - Half-flush **NSYCUACC025DG** - Surface	-
	NSYCUACC009DG	**NSYCUACC036DG**	-	**NSYCUACC023DG** - Flush **NSYCUACC024DG** - Half-flush **NSYCUACC025DG** - Surface	-
	NSYCUACC009DG	**NSYCUACC036DG**	**NSYCUACC040DG**	**NSYCUACC023DG** - Flush **NSYCUACC024DG** - Half-flush **NSYCUACC025DG** - Surface	**NSYCUACC029DG** - Flush **NSYCUACC030DG** - Half-flush **NSYCUACC031DG** - Surface
	NSYCUACC009DG	**NSYCUACC036DG**	-	**NSYCUACC023DG** - Flush **NSYCUACC024DG** - Half-flush **NSYCUACC025DG** - Surface	-
	NSYCUACC009DG	**NSYCUACC036DG**	-	**NSYCUACC023DG** - Flush **NSYCUACC024DG** - Half-flush **NSYCUACC025DG** - Surface	-
	NSYCUACC009DG	**NSYCUACC036DG**	**NSYCUACC040DG**	**NSYCUACC023DG** - Flush **NSYCUACC024DG** - Half-flush **NSYCUACC025DG** - Surface	**NSYCUACC029DG** - Flush **NSYCUACC030DG** - Half-flush **NSYCUACC031DG** - Surface
	NSYCUACC009DG	**NSYCUACC037DG**	-	**NSYCUACC026DG** - Flush **NSYCUACC027DG** - Half-flush **NSYCUACC028DG** - Surface	-
	NSYCUACC009DG	**NSYCUACC037DG**	-	**NSYCUACC026DG** - Flush **NSYCUACC027DG** - Half-flush **NSYCUACC028DG** - Surface	-
	NSYCUACC009DG	**NSYCUACC037DG**	-	-	-
	NSYCUACC009DG	-	-	**NSYCUACC033DG**	-
	NSYCUACC009DG	-	-	**NSYCUACC018DG**	-
	NSYCUACC009DG	-	-	**NSYCUACC018DG**	-
	NSYCUACC009DG	-	-	**NSYCUACC019DG**	-
	NSYCUACC009DG	-	-	**NSYCUACC019DG**	-
	NSYCUACC009DG	-	-	**NSYCUACC019DG**	-
	NSYCUACC009DG	-	-	**NSYCUACC019DG**	-
	NSYCUACC009DG	-	-	**NSYCUACC020DG**	-
	NSYCUACC009DG	-	-	**NSYCUACC020DG**	-
	NSYCUACC009DG	-	-	**NSYCUACC021DG**	-
	NSYCUACC009DG	-	-	**NSYCUACC021DG**	-
	-	-	-	-	-
	-	-	-	-	-
	-	-	-	-	-
	-	-	-	-	-
	-	-	-	-	-
	-	-	-	-	-
	-	-	-	-	-
	-	-	-	-	-

5

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

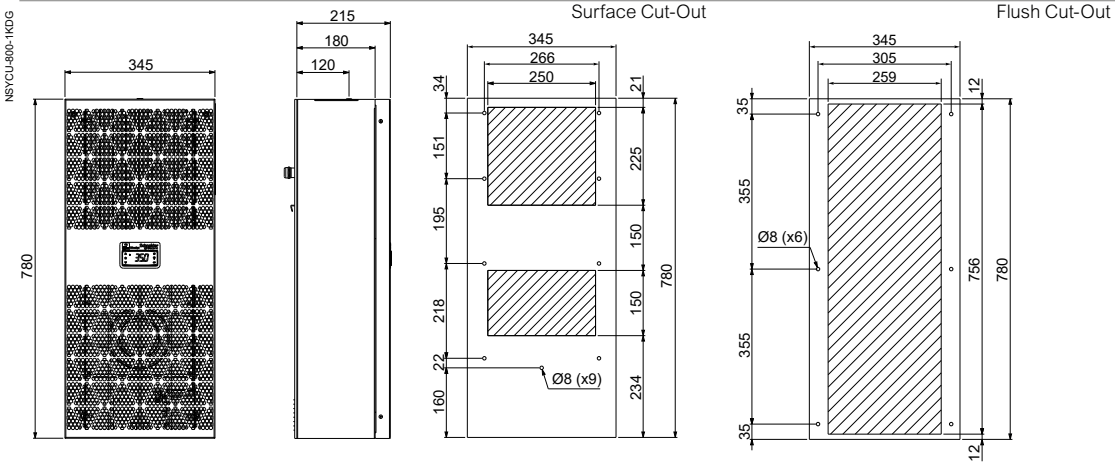
Dimensions

Side-Mounted Models: Dimensions and Cut-Outs



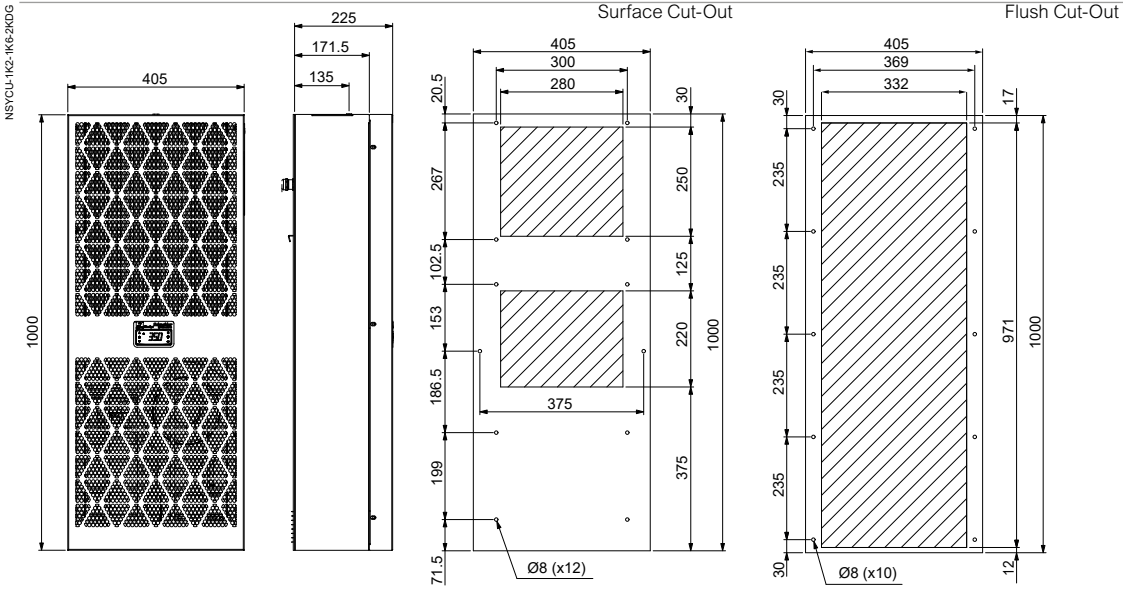
The Half-flush drawings are available on se.com

NSYCU350DG / NSYCUX350DG / NSYCU600DG / NSYCUX600DG



The Half-flush drawings are available on se.com

NSYCU800DG / NSYCU8002P4DG / NSYCU1KDG / NSYCUX1KDG / NSYCU1K2P4DG / NSYCUX1K2P4DG



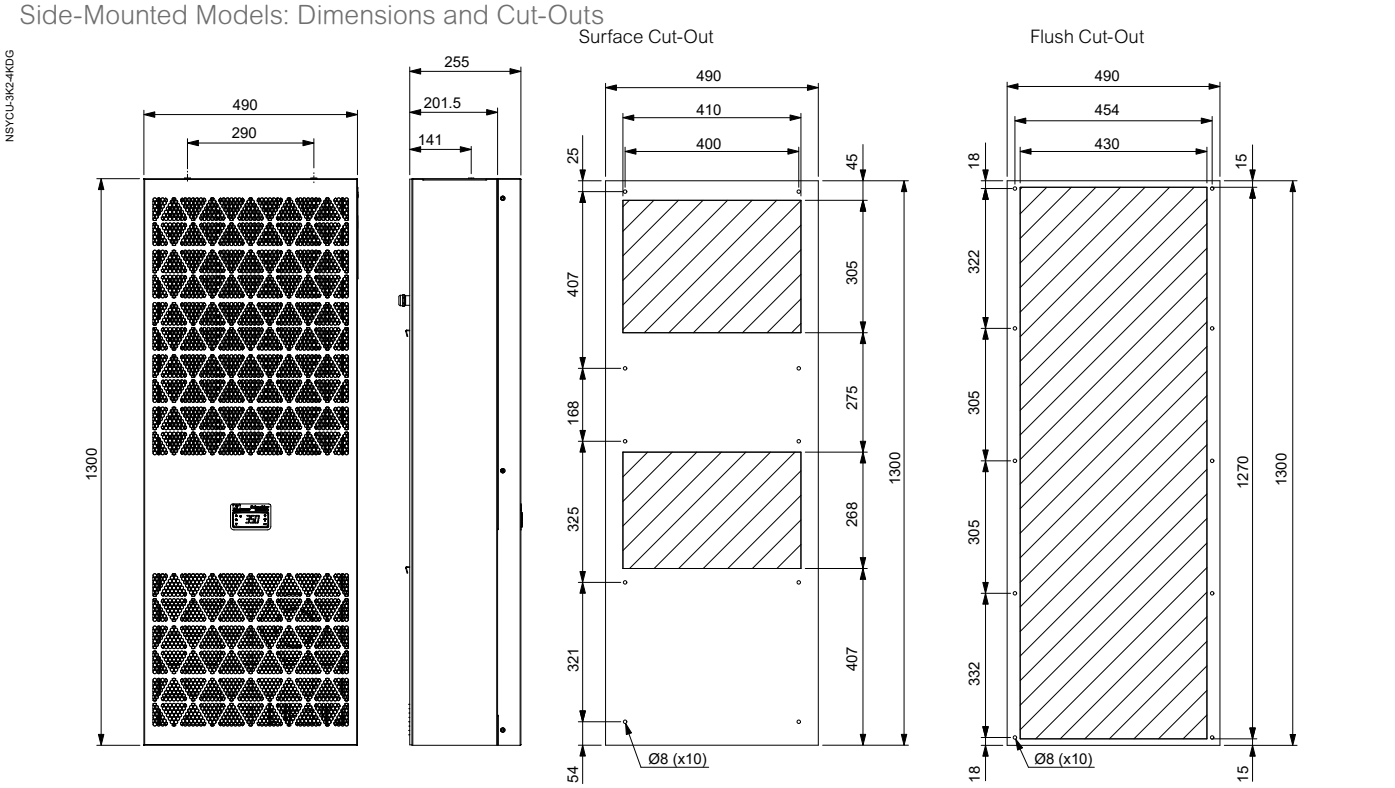
The Half-flush drawings are available on se.com

NSYCU1K2DG / NSYCU1K22P4DG / NSYCU1K6DG / NSYCUX1K6DG / NSYCU1K62P4DG / NSYCU2KDG / NSYCU2K3P4DG / NSYCUX2K3P4DG

Indoor Side Cooling Unit Mounting Types Could Be either Surface, Half-Flush or Flush, and Out-Door Side Cooling Unit Mounting Type Is Only Surface.
Units of Measurement Are mm

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Side-Mounted Models: Dimensions and Cut-Outs



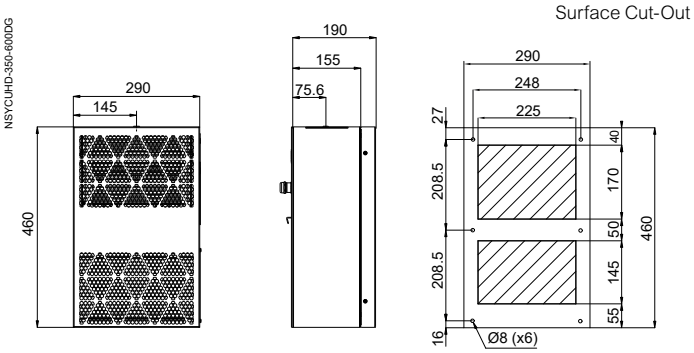
The Half-flush drawings are available on se.com

NSYCU3K2DG / NSYCU3K23P4DG / NSYCU4K3P4DG

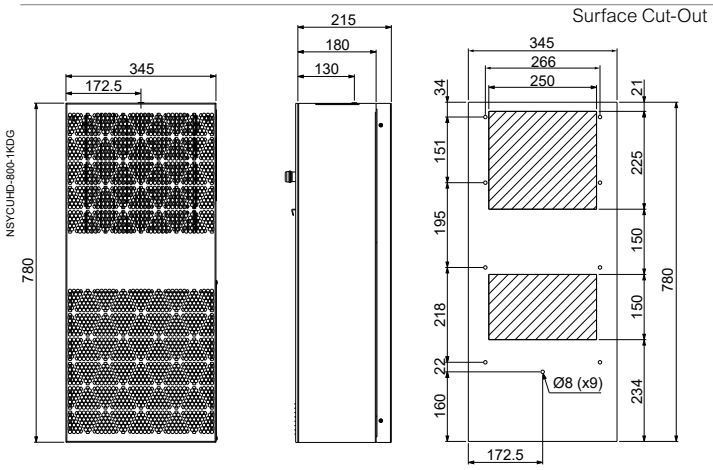
Indoor Side Cooling Unit Mounting Types Could Be either Surface, Half-Flush or Flush, and Out-Door Side Cooling Unit Mounting Type Is Only Surface.
Units of Measurement Are mm

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

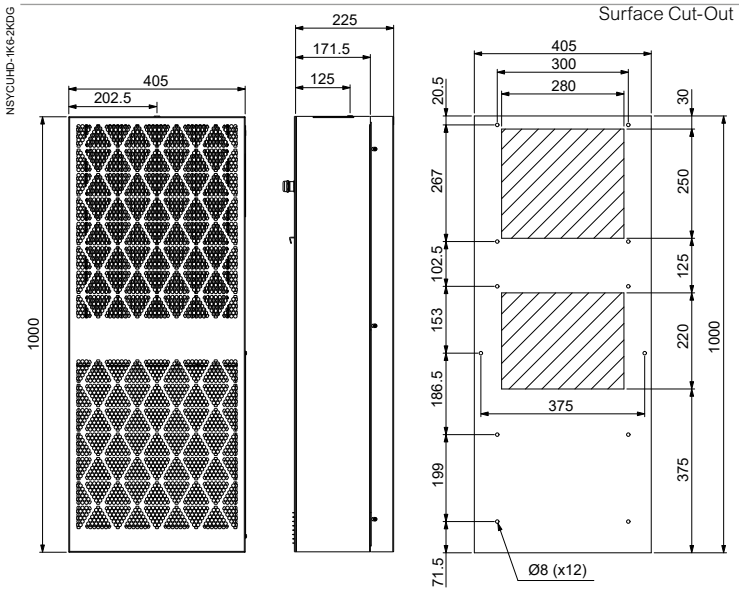
Outdoor Side-Mounted Models: Dimensions and Cut-Outs



NSYCUHD350DG / NSYCUHD600DG



NSYCUHD800DG / NSYCUHD1KDG / NSYCUHD1K2P4DG

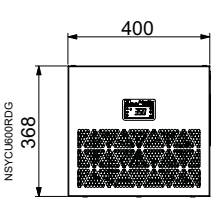


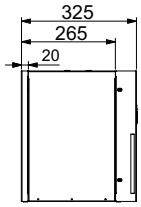
NSYCUHD1K6DG / NSYCUHD1K62P4DG / NSYCUHD2K3P4DG

Indoor Side Cooling Unit Mounting Types Could Be either Surface, Half-Flush or Flush, and Out-Door Side Cooling Unit Mounting Type Is Only Surface.
Units of Measurement Are mm

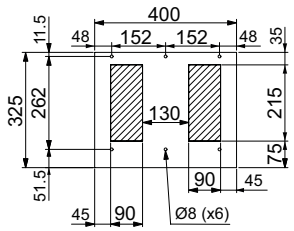
Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Roof-Mounted Models: Dimensions and Cut-Outs

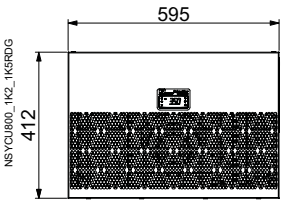


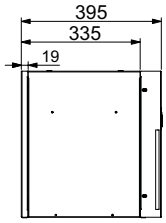


Internal Mounting Cut-Out

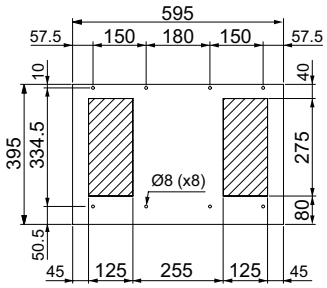


NSYCU600RDG

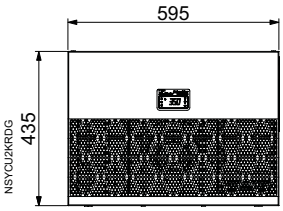


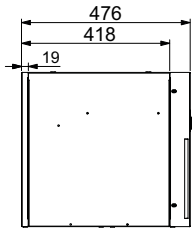


Internal Mounting Cut-Out

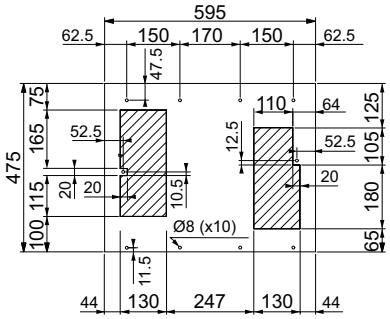


NSYCU800RDG / NSYCU8002P4RDG / NSYCU1K2RDG / NSYCU1K22P4RDG / NSYCU1K5RDG / NSYCU1K52P4RDG

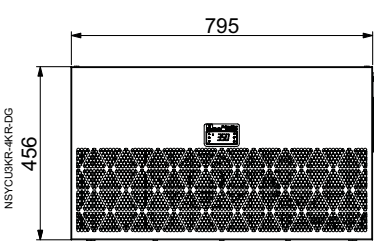


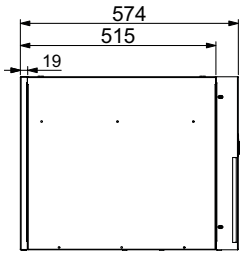


Internal Mounting Cut-Out

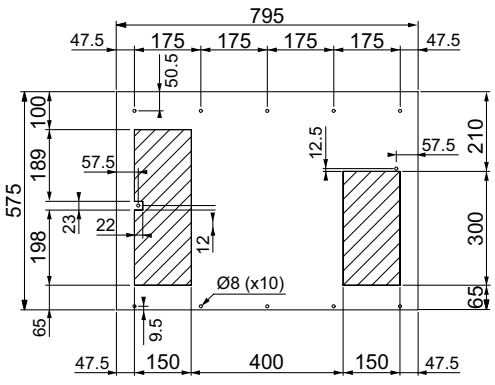


NSYCU2KRDG / NSYCU2K3P4RDG





Internal Mounting Cut-Out



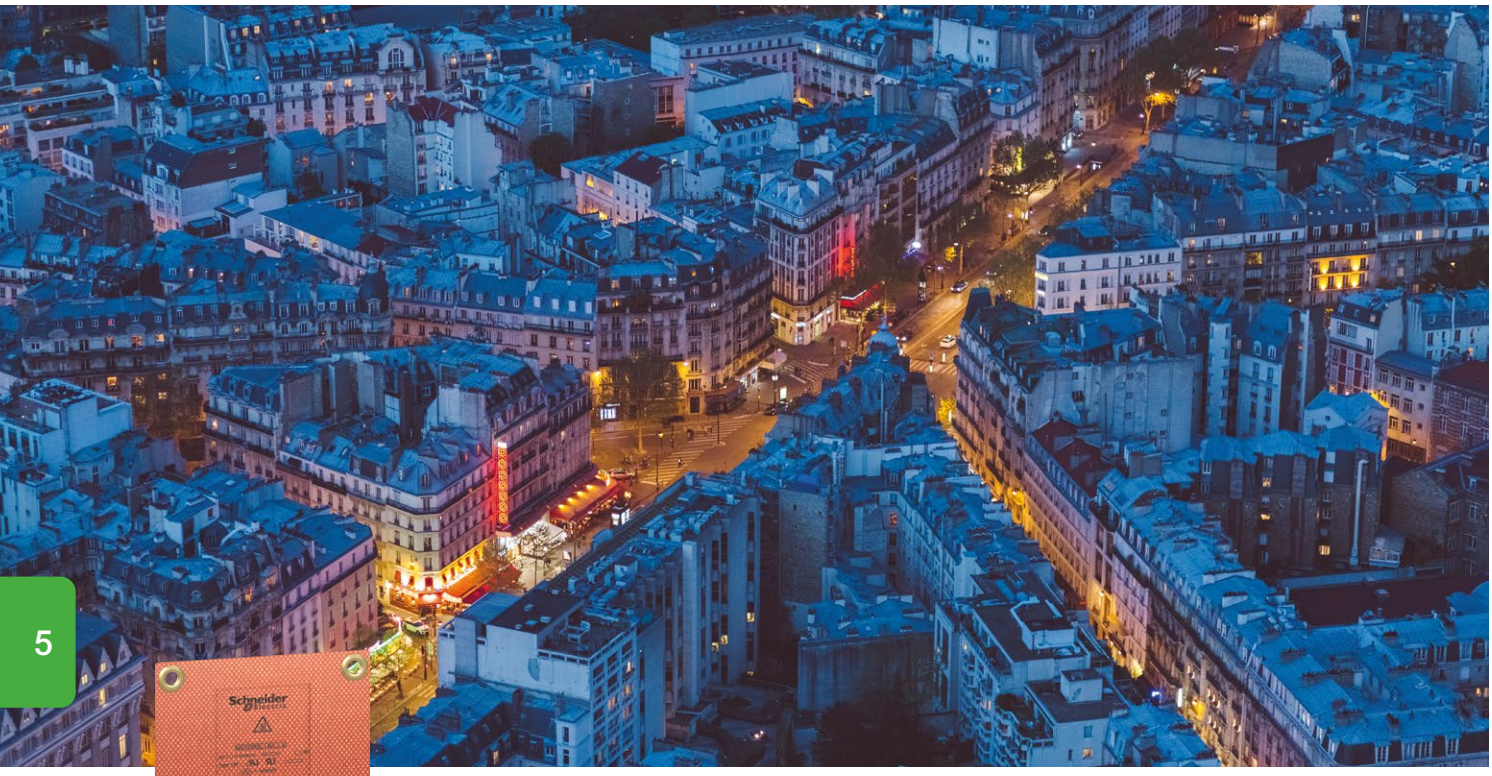
NSYCU3K3P4RDG / NSYCU4K3P4RDG

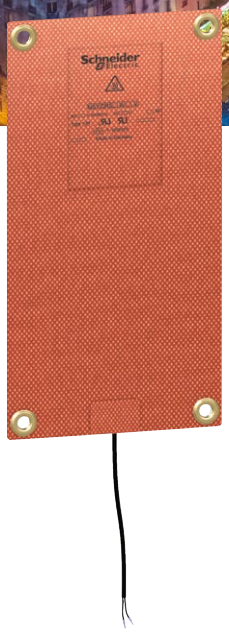
Units of Measurement Are mm

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

ClimaSys CRS: Ultra Thin Heaters

Introduction



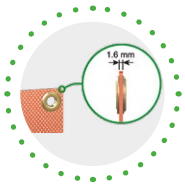


Ultra-thin resistance heaters have been designed to resolve condensation problems in the most complex installations.
Is your enclosure short of space?
Does your mounting plate make it impossible to install a conventional heater?
Do you not want to take out the equipment?
Discover the benefits of this new offer and its numerous mounting solutions.

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

ClimaSys CRS: Ultra Thin Heaters

Introduction



Small Size (Thickness = 1.6 (0.06) mm (in.))

- The space saving available for the equipment compared with a conventional resistor can be up to 30%



Heat and Safety

- The heat is distributed over the whole surface and does not exceed 70 °C (158°F). This temperature allows devices next to the heater to be handled safely



Multiple Options for Fixing

- Innovative quick-fixing system using Velcro pads (no need for a tool!) or with basic fixing accessories (screw + spacer). These systems make it easy to move the heater if necessary



Numerous Positions for Installation

- These heaters are so slim and flexible they can be installed in a variety of positions:
  - Vertically on side panels
  - On the mounting plate



Energy Efficiency

- Ultra-thin resistance heaters have a low starting current



No Electromagnetic Emissions

- These resistors can be installed near electronic equipment to help ensure an optimal temperature

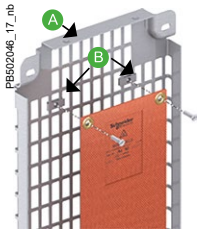
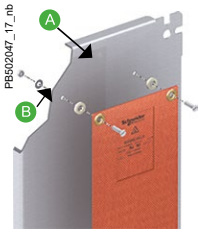
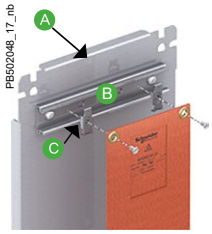
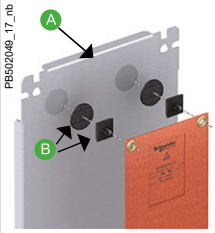
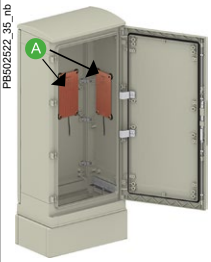
Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

ClimaSys CRS: Ultra Thin Heaters

Characteristics and Selection Guide

Other Characteristics - Electrical Circuit Diagram



Electrical Circuit Diagram					
					
5 mounting solutions:	On a Telequick mounting plate	On plain or micro-perforated mounting plate with fixing hardware	On DIN rail	On plain mounting plate with self-adhesive Velcro pads	On wall with self-adhesive Velcro pads
	Ⓐ Telequick mounting plate, ref. **NSYMR●●●●** Ⓑ Telequick nuts, ref. **AF1EA●**, supplied with the mounting kit	Ⓐ Mounting plate, ref. **NSYMM●●●●** Ⓑ Fixing hardware included in the mounting kit	Ⓐ Mounting plate, ref. **NSYMM●●●●** Ⓑ Symmetrical DIN rail, ref. **NSYSDR●●●●** Ⓒ Clip-on nuts, ref. **AF1CG●**, supplied with the mounting kit	Ⓐ Mounting plate, ref. **NSYMM●●●●** Ⓑ Self-adhesive Velcro pad and plastic fixings supplied with the mounting kit	Ⓐ Self-adhesive Velcro pads and plastic fixings supplied in the mounting kit

Characteristics	
	Flexible, ultra-thin resistance heaters to be installed inside the enclosure
Material	Silicon reinforced with fiberglass
Color	Red (heaters), black (cables)
Certification	**UL**
Supply	• 6 self-adhesive Velcro pads • 6 plastic fixings • 4 Telequick nuts • 4 clip-on nuts • Fixing hardware

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Ultra-Thin Resistance Heaters


NSYCRS10W120V

Flexible, ultra-thin resistance heaters to be installed inside the enclosure
- Material: Silicon reinforced with fiberglass
- Color: Red (heaters), black (cables)
- Certification: UL (cURus)

Comment:
Ultra-thin resistance heaters can be manufactured with other dimensions and power ratings than those indicated above. Please contact us.

Characteristics	Power (W)	Voltage (V)	Inrush current (A)	Height mm (in.)	Width mm (in.)	Depth mm (in.)	References
Ultra-thin resistance heaters	10	240	0.04	110 (4.33)	140 (5.51)	1.6 (0.06)	**NSYCRS10W240V**
Ultra-thin resistance heaters	25	240	0.10	110 (4.33)	230 (9.06)	1.6 (0.06)	**NSYCRS25W240V**
Ultra-thin resistance heaters	50	240	0.21	200 (7.87)	320 (12.60)	1.6 (0.06)	**NSYCRS50W240V**
Ultra-thin resistance heaters	100	240	0.42	260 (10.24)	440 (17.32)	1.6 (0.06)	**NSYCRS100W240V**
Ultra-thin resistance heaters	200	240	0.83	380 (14.96)	650 (25.59)	1.6 (0.06)	**NSYCRS200W240V**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Climasys CR

Introduction



Resistance heaters help prevent the formation of condensation and help guarantee the correct temperature for the correct operation of the electronic components in the enclosure.

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Insulated PTC Heaters



Large Range of Power Levels
- 2 versions: By natural convection or by fan
- AC or DC power supply
- 7 power levels from 10 W to 550 W



Easy Installation and Connection
- Reduced dimensions
- Quick electric connection by terminal board
- No maintenance required
- Direct clipping onto a 35 (1.38) mm (in.) DIN rail



Safety
- The protection helps prevent direct contact with the aluminum radiator
- Electric protection device with terminal block cover
- Equipped with a PTC-type heater
- Surface temperature lower than 70°C (158°F)

High Thermal Efficiency
- The configuration of the aluminum profile produces a “chimney” effect: high natural convection
- Low power consumption thanks to self-control of the PTC-type heater



Innovating Design



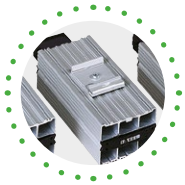
Models with Fan
- The heaters equipped with a fan helps to ensure circulation of the air and a uniform temperature inside the enclosure
- High-flow, silent fan

Certifications
- CE marking
- Range compliant with UL and VDE, UL (*only the marked references)

Aluminum PTC Heaters



Models with Fan
- Models of 250 to 400 W with fan



Quick-Fixing
- The resistance heaters are fixed by means of fixing clips to a 35 (1.38) mm (in.) DIN rail



Resistance Heaters Equipped with a PTC-Type Sensor
The resistance heaters for electrical and electronic enclosures are equipped with PTC-type heating devices (Positive Temperature Coefficient). Thanks to these heaters:
- The surface temperature stabilises at 75°C (167°F) when the ambient temperature is -5°C (23°F)
- Power consumption is reduced

Improved Convection
- The design of the profile of the resistance heaters produces a “chimney” effect, leading to increased natural convection and maintaining an even temperature inside the enclosure



Connection Cables
- The 10 and 20-W heaters are equipped with a 2 (0.08) x 0.75 (0.03) x 300 (11.81) mm (in.) power cord



Connection Terminal Boards
- Heaters with a power of more than 20 W are equipped with a connection terminal board

Large range of power levels
- 8 power levels from 10 W to 400 W

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Climasys CR: PTC Isolated Heaters

Characteristics

Insulated PTC Resistance Heaters

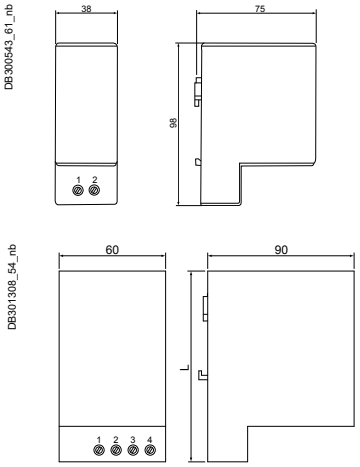


NSYCR10WU2C



NSYCR50WU2C

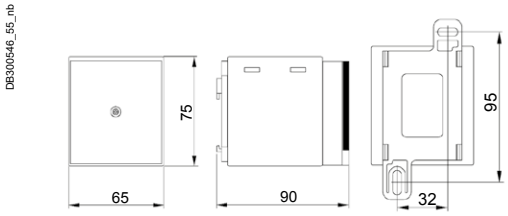
- Compact resistance heater helps preventing the formation of condensation or frost.
- Designed to help ensure natural convection and high thermal efficiency.
- Material: Extruded aluminum body
- Conditions of use: The heaters must be installed with a thermal controller (see selection table on page 336 and 337) to control the temperature or the humidity inside the enclosure
- The enclosure must be sealed to help prevent the entry of air from the outside
- An electrical protection device must be installed on the supply side of the unit
- Operating position: Vertical
- Operating temperature: -40…+70 °C; -10…+158 °F
- Surface temperature: <70 °C, except for the top protection grille
- Ingress protection rating: IP20
- Certifications: UL (cURus), Class II (double insulated)
- Mounting: By clip on a 35 (1.38) mm (in.) DIN rail



Characteristics	Heating power at 0°C (32°F) (W)	Voltage (V)	Electric connection	References
Insulated PTC resistance heater	10	120-240 AC/DC	2 screw terminals, 2.5 mm²	**NSYCR10WU2C**
Insulated PTC resistance heater	20	120-240 AC/DC	2 screw terminals, 2.5 mm²	**NSYCR20WU2C**
Insulated PTC resistance heater	55	120-240 AC/DC	4 screw terminals, 2.5 mm²	**NSYCR50WU2C**
Insulated PTC resistance heater	100	120-240 AC/DC	4 screw terminals, 2.5 mm²	**NSYCR100WU2C**
Insulated PTC resistance heater	147	120-240 AC/DC	4 screw terminals, 2.5 mm²	**NSYCR150WU2C**

Insulated Ventilated PTC Heaters

- Compact resistance heater helps preventing the formation of condensation or frost.
- Designed to help ensure good natural convection and high thermal efficiency.
- Material: Extruded aluminum body
- Conditions of use: The heaters must be installed with a thermal controller (see selection table on page 336 and 337) to control the temperature or the humidity inside the enclosure
- The enclosure must be sealed to help prevent the entry of air from the outside
- An electrical protection device must be installed on the supply side of the unit
- Operating position: Vertical
- Operating temperature: -40°C (-40°F) …+ 70°C (158°F); -10°C (14°F) …+ 158°C (316°F)
- Surface temperature: Max. 50°C (122°F) in the enclosure, 100°C (212°F) on the top protection grille, (for an ambient temperature of 20°C (68°F))
- Ingress protection rating: IP20
- Certifications: VDE and UL, Cover: UL 94 V-0 plastic, Class II (double insulated)
- Mounting: By clip on a 35 (1.38) mm (in.) DIN rail





NSYCR170W230VVC

Characteristics	Heating power at 0°C (32°F) (W)	Voltage (V)	Electric connection	References
Insulated ventilated PTC heater	177	230 AC / 50-60 HZ	2 poles, 2.5 mm²	**NSYCR170W230VVC**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Climasys CR: Aluminum Heaters

Characteristics

Aluminum PTC Heaters



NSYCR10WU1



NSYCR250W115VV

- Extruded aluminum body.
- Surface temperature limited to 75°C (167°F) when the ambient temperature is -5°C (23°F).
- Heaters equipped with a power cable with a length of 500 (19.68) mm (in.) with silicon insulation, or with a connection terminal block.

Conditions of use:

- The heaters must be installed with a thermal controller to control the temperature or the humidity inside the enclosure
- The enclosure must be sealed to help prevent the entry of air from the outside
- An electrical protection device must be installed on the supply side of the unit
- Certifications: UL (cURus), Class II (double insulated)

Characteristics	Power (W)	Voltage (V)	References
Aluminum PTC heater	10	110-250 AC	**NSYCR10WU2**
Aluminum PTC heater	20	110-250 AC	**NSYCR20WU2**
Aluminum PTC heater	55	110-250 AC	**NSYCR55WU2**
Aluminum PTC heater	90	110-250 AC	**NSYCR100WU2**
Aluminum PTC heater	150	110-250 AC	**NSYCR150WU2**

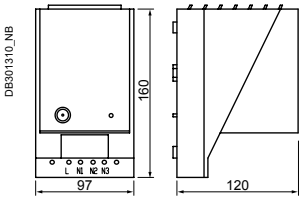
Thermofan



NSYCRP1W120VTVC

Combination of a resistance heater and an axial fan to help ensure uniform heating of the enclosure

- Fixing by clip on a DIN rail
- Thermostat adjustable from 0°C (32°F) ...+ 60°C (140°F)
- Visual operation indicator
- Certifications: UL (cURus).

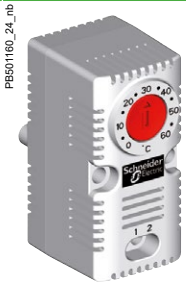
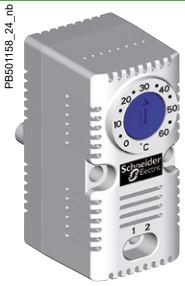


Characteristics	Power (W)	Voltage (V)	References
Thermofan	350/550	120 AC	**NSYCRP1W120VTVC**
Thermofan	350/550	230 AC	**NSYCRP1W230VTVC**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Thermal Controllers
ClimaSys CC
Introduction

Mechanical Thermostats

Characteristics	Thermostat with NC contact	with NO contact	with NO/NC contact	Double Thermostat
				
	NSYCCOTHC (NSYCCOTHCF)	**NSYCCOTHO (NSYCCOTHOF)**	**NSYCCOTHI**	**NSYCCOTHD (NSYCCOTHDF)**
	Thermostat with NC Contact: • To control the stopping of a resistance heater when the temperature exceeds the displayed value Thermostat with NO Contact: • To control the starting of a fan when the temperature exceeds the displayed maximum value • To control the temperature inside the enclosure by only starting the fan when necessary, thus increasing the service life of the fan and reducing the clogging of the filter			
Button color	Red	Blue	Black	Red and blue
Ingress protection rating	IP20	IP20	IP20	IP20
Sensor element	Bimetal	Bimetal	Bimetal	Bimetal
Contact	NC, forced rupture	NO, forced rupture	Inverse,forced rupture	NO/NC, forced rupture
Contact resistance	< 10 mΩ	< 10 mΩ	< 10 mΩ	< 10 mΩ
Service life	> 100,000 cycles	> 100,000 cycles	> 100,000 cycles	> 100,000 cycles
Switching capacity with alternative current	• 250 V AC; 10 A (resistive load) • 120 V AC; 15 A (resistive load) • 250 V AC/120 V AC 2 A (inductive load cos ϕ = 0.6)	• 250 V AC; 10 A (resistive load) • 120 V AC; 15 A (resistive load) • 250 V AC/120 V AC 2 A (inductive load cos ϕ = 0.6)	• 250 V AC; 10 A (resistive load) • 120 V AC; 15 A (resistive load) • 250 V AC 4 A (inductive load cos ϕ = 0.6)	• 250 V AC; 10 A (resistive load) • 120 V AC; 15 A (resistive load) • 250 V AC/120 V AC 2 A (inductive load cos ϕ = 0.6)
Max interrupting capacity with direct current	30 W DC	30 W DC	30 W DC	30 W DC
Connection	Two 2.5-mm² terminals	Two 2.5-mm² terminals	Four 2.5-mm² terminals	Six 2.5-mm² terminals
Enclosure	UL 94 V-0 plastic, light gray	UL 94 V-0 plastic, light gray	UL 94 V-0 plastic, light gray	UL 94 V-0 plastic, light gray
Dimensions mm (in.)	60 (2.36) x 33 (1.30) x 43 (1.69)	60 (2.36) x 33 (1.30) x 43 (1.69)	67 (2.64) x 50 (1.97) x 44 (1.73)	67 (2.64) x 50 (1.97) x 44 (1.73)
Weight	40 (1.41) g (oz.)	40 (1.41) g (oz.)	100 (0.22) g (lbs.)	100 (0.22) g (lbs.)
Mounting	4 different methods: By DIN rail, PanelSeT SFN profile, on VDI cross-rail or on mounting plate			
Operating temperature	-20...+80 °C (-4...+176 °F)	-20...+80 °C (-4...+176 °F)	-20...+80 °C (-4...+176 °F)	-20...+80 °C (-4...+176 °F)
Hysteresis	7± 4°K	7± 4°K	7± 4°K	7± 4°K
Temperature setting range	0°C (32°F) ...+ 60°C (140°F)	0°C (32°F) ...+ 60°C (140°F)	5°C (41°F) ...+ 60°C (140°F)	0°C (32°F) ...+ 60°C (140°F)
Display	°C (°F)	°C (°F)	°C	°C (°F)

Thermal control



Mechanical and Electronic Thermostats
- Large range of temperature control
- Small dimensions
- Easily accessible terminals



LED Display
- Display visible even in the dark



Operational Temperature Range
- For mechanical thermostats: 0°C (32°F) ... +60°C (140°F)
- For electronic thermostats: -40°C (-40°F) ... +80°C (176°F)

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

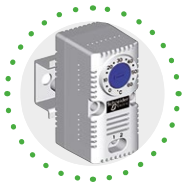
Electronic Thermostats with LED Display

Characteristics	Electronic thermostat With LED display	Electronic hygrotherm With LED display	Electronic hygrostat With LED display
			
	NSYCCOTH30VID **NSYCCOTH120VID** **NSYCCOTH230VID**	**NSYCCOHYT30VID** **NSYCCOHYT120VID** **NSYCCOHYT230VID**	- - **NSYCCOHY230VID**
	Electronic temperature controller	Electronic temperature and humidity controller	Electronic humidity controller
Ingress protection rating	IP20	IP20	IP20
Certification	UL / UR	UL / UR	UL / UR
Internal sensor element	Temperature sensor	Temperature sensor and humidity sensor	Humidity sensor
Contact	Free with zero potential	Free with zero potential	Free with zero potential
Connection	2 x 2.5 mm² (input voltage) + 2 relays (2 x 2.5 mm² + 2 x 2.5 mm²)	2 x 2.5 mm² (input voltage) + 2 relays (2 x 2.5 mm² + 2 x 2.5 mm²)	2 x 2.5 mm² (input voltage) + 1 relay (2 x 2.5 mm²)
Mounting	4 different methods: By DIN rail, PanelSeT SFN profile, on VDI cross-rail or on mounting plate		
Enclosure	UL 94 V-0 plastic, light gray	UL 94 V-0 plastic, light gray	UL 94 V-0 plastic, light gray
Dimensions mm (in.)	85 (3.35) x 56 (2.20) x 44 (1.73)	85 (3.35) x 56 (2.20) x 44 (1.73)	85 (3.35) x 56 (2.20) x 44 (1.73)
Operating temperature	-40°C (-40°F) ...+ 70°C (158°F)	-40°C (-40°F) ...+ 70°C (158°F)	² -40°C (-40°F) ...+ 70°C (158°F)
Hysteresis	Programmed 2 K	Programmed 2 K and 3%	3%
Temperature setting range	-40°C (-40°F) ...+ 80°C (176°F)	-40°C (-40°F) ...+ 80°C (176°F)	-40°C (-40°F) ...+ 80°C (176°F)
Humidity setting range	-	20%...80%	20%...80%
Display	°C or °F	°C or °F or % RH	% RH
Max. command: Alternative current	Motor: 4.0 A / 13.1 A - FLA / LRA 250 V AC Resistive load: 4 A - 50 V DC	Motor: 4.0 A / 13.1 A - FLA / LRA 250 V AC Resistive load: 4 A - 50 V DC	Motor: 4.0 A / 13.1 A - FLA / LRA 250 V AC Resistive load: 4 A - 50 V DC
Max. command: Direct current	Resistive load: 4 A - 50 V DC	Resistive load: 4 A - 50 V DC	Resistive load: 4 A - 50 V DC

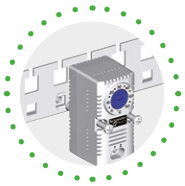
Input Current

Characteristics	References
9...30 V AC/CC, 50/60 Hz, SELV/Class 2 source, 15 W or less	**NSYCCO•••30VID**
90-140 V AC, 50/60 Hz, 1 VA	**NSYCCO•••120VID**
200-240 V AC, 50/60 Hz, 3.5 VA	**NSYCCO•••230VID**

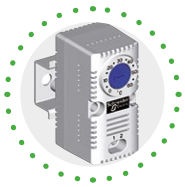
The New Quick-Fixing Systems



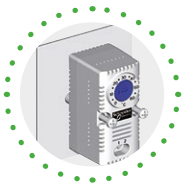
- On 35 (1.38) mm DIN rail.



- On cross-rail.



- On PanelSeT upright.



- On mounting plate.

Certifications and Declarations

- On 35 (1.38) mm DIN rail.

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Thermal Controllers
ClimaSys CC
Characteristics

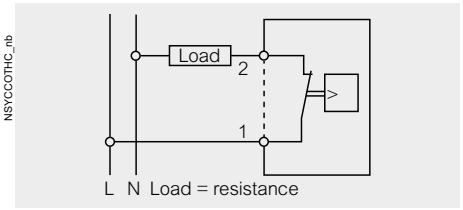
Mechanical Thermostats

- Ingress protection rating according to IEC 60529: IP20
- Sensor element: Bimetal
- Contact resistance: < 10 mΩ
- Service life: > 100,000 cycles
- Mounting: By clip on 35 (1.38) mm (in.) DIN rail
- Enclosure: UL 94 V-0 plastic, light gray
- Mounting position: Indifferent
- Operating temperature: -20...+80 °C (-4...+176 °F)
- Hysteresis: 7± 4°K

Thermostat with NC Contact


NSYCCOTHC

- Button color: Red
- Contact: NC, forced rupture
- Switching capacity with alternative current:
  - 250 V AC; 10 A (resistive load)
  - 120 V AC; 15 A (resistive load)
  - 250 V AC/120 V AC 2 A (inductive load cos = 0.6)
- Max interrupting capacity with direct current: NC
- Connection: Two 2.5-mm² terminals
- Weight: 40 (1.41) g (oz.)
- Temperature setting range: 0°C (32°F) ...+ 60°C (140°F)

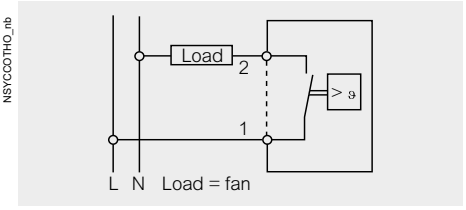


Characteristics	Display	Max. command intensity	Dimensions (H x W x D)	References
Thermostat with NC contact	°C	10 A 250 V	60 (2.36) x 33 (1.30) x 43 (1.69) mm (in.)	**NSYCCOTHC**
Thermostat with NC contact	°F	10 A 250 V	60 (2.36) x 33 (1.30) x 43 (1.69) mm (in.)	**NSYCCOTHCF**

Thermostat with NO Contact


NSYCCOTHO

- Button color: Blue
- Contact: NO, forced rupture
- Switching capacity with alternative current:
  - 250 V AC; 10 A (resistive load)
  - 120 V AC; 15 A (resistive load)
  - 250 V AC/120 V AC 2 A (inductive load cos = 0.6)
- Max interrupting capacity with direct current: NO
- Connection: Two 2.5-mm² terminals
- Weight: 40 (1.41) g (oz.)
- Temperature setting range: 0°C (32°F) ...+ 60°C (140°F)

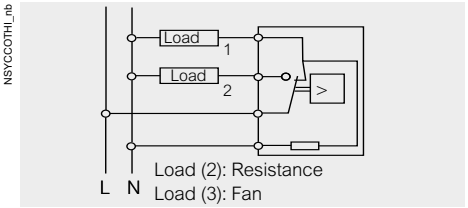


Characteristics	Display	Max. command intensity	Dimensions (H x W x D)	References
Thermostat with NO contact	°C	10 A 250 V	60 (2.36) x 33 (1.30) x 43 (1.69) mm (in.)	**NSYCCOTHO**
Thermostat with NO contact	°F	10 A 250 V	60 (2.36) x 33 (1.30) x 43 (1.69) mm (in.)	**NSYCCOTHOF**

Thermostat with NO/NC Contact


PB501172_25_nb
NSYCCOTHI

- Button color: Black
- Contact: Inverse,forced rupture
- Switching capacity with alternative current:
  - 250 V AC; 10 A (resistive load)
- Max interrupting capacity with direct current:
  - 250 V AC 4 A (inductive load cos = 0.6)
  - 120 V AC; 15 A (resistive load)
  - 250 V AC 4 A (inductive load cos = 0.6)
- Connection: Four 2.5-mm² terminals
- Weight: 100 (0.22) g (lbs.)
- Temperature setting range: +5...+60 °C

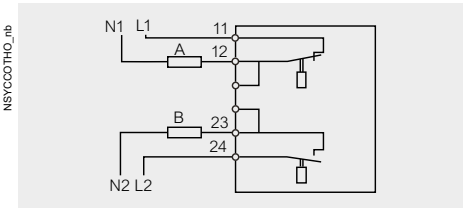


Characteristics	Display	Max. command intensity	Dimensions (H x W x D)	References
Thermostat with NO/NC contact	°C	(NO) 5 A (NC) 10 A	67 (2.64) x 50 (1.97) x 44 (1.73) mm (in.)	**NSYCCOTHI**

Double Thermostat


NSYCCOTHD

- Button color: Red and blue
- Contact: NO / NC, forced rupture
- Switching capacity with alternative current:
  - 250 V AC; 10 A (resistive load)
  - 120 V AC; 15 A (resistive load)
  - 250 V AC/120 V AC 2 A (inductive load cos = 0.6)
- Max interrupting capacity with direct current: NA
- Connection: Six 2.5-mm² terminals
- Weight: 40 (1.41) g (oz.)
- Temperature setting range: 0°C (32°F) ...+ 60°C (140°F)



Characteristics	Display	Max. command intensity	Dimensions (H x W x D)	References
Double Thermostat	°C	(NO) 5 A (NC) 10 A	60 (2.36) x 33 (1.30) x 43 (1.69) mm (in.)	**NSYCCOTHD**
Double Thermostat	°F	(NO) 5 A (NC) 10 A	60 (2.36) x 33 (1.30) x 43 (1.69) mm (in.)	**NSYCCOTHDF**

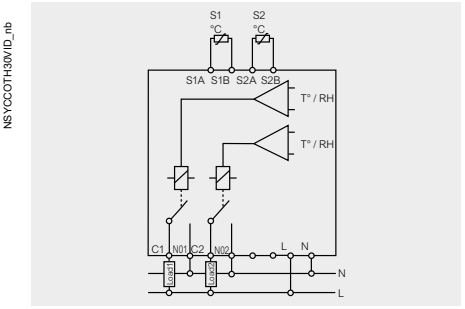
Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Electronic Thermostats

- Ingress protection rating according to IEC 60529: IP20
- Certification: UL / UR
- Contact resistance: Free with zero potential
- Mounting: 4 methods: By DIN rail, PanelSeT SFN profile, on VDI cross-rail or on mounting platel
- Enclosure: UL 94 V-0 plastic, light gray
- Operating temperature: -40°C (-40°F) ...+ 70°C (158°F)
- Hysteresis: 7 K
- Max. command intensity: Motor: 4 / 13.1 A, FLA / LRA, 250 Vac
  Resistive load: 4 A, 250 Vdc

Electronic Thermostats with LED Display


NSYCCOTH30VID

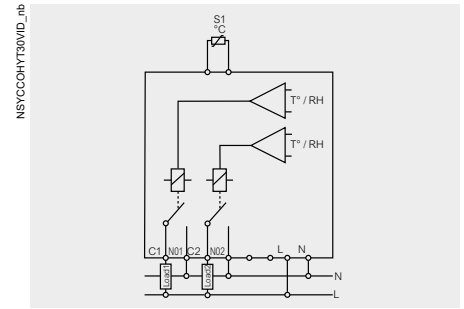


- Internal sensor element: Temperature sensor
- Connection:2 x 2.5 mm² (input voltage)
  + 2 relays (2 x 2.5 mm² + 2 x 2.5 mm²)
- Hysteresis:Programmed 2 K
- Temperature setting range: -40°C (-40°F) ...+80°C (176°F)

Characteristics	Display	Voltage (type of current)	References
Electronic thermostats, with LED display	°C or °F	9-30 V (AC/DC)	**NSYCCOTH30VID**
Electronic thermostats, with LED display	°C or °F	90-140 V (AC)	**NSYCCOTH120VID**
Electronic thermostats, with LED display	°C or °F	200-240 V (AC)	**NSYCCOTH230VID**

Electronic Hygrotherm


NSYCCOHYT30VID

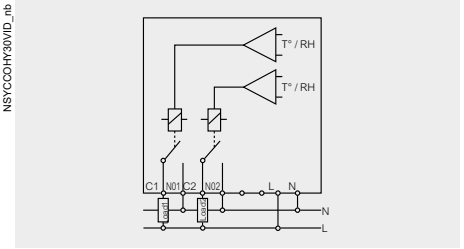


- Internal sensor element: Temperature sensor and humidity sensor
- Connection: 2 x 2.5 mm² (input voltage)
  + 2 relays (2 x 2.5 mm² + 2 x 2.5 mm²)
- Hysteresis: Programmed 2 K and 3%
- Temperature setting range: -40°C (-40°F) ...+80°C (176°F)
- Humidity setting range: 20%...80%

Characteristics	Display	Voltage (type of current)	References
Electronic hygrotherm	°C or °F or % RH	9-30 V (AC/DC)	**NSYCCOHYT30VID**
Electronic hygrotherm	°C or °F or % RH	90-140 V (AC)	**NSYCCOHYT120VID**
Electronic hygrotherm	°C or °F or % RH	200-240 V (AC)	**NSYCCOHYT230VID**

Electronic Hygrostat


NSYCCOHY30VID



- Internal sensor element: Humidity sensor
- Connection: 2 x 2.5 mm² (input voltage)
  + 1 relay (2 x 2.5 mm²)
- Hysteresis: 3%
- Humidity setting range: 20%...80%

Characteristics	Display	Voltage (type of current)	References
Electronic hygrostat	% RH	200-240 V (AC)	**NSYCCOHY230VID**

External Temperature Sensor (Double Insulation)


NSYCCAST

Sensor operation or reading range: -40°C (-40°F) ...+150°C (302°F).
Thermostat installation tips: The thermostat should be installed at the top of the enclosure (the hottest place). See the various operating modes of each thermostat to choose the one that meets your needs. Hygrostat installation tips: The hygrostat should be installed at the bottom of the enclosure. 60% RH is the optimal value in the enclosure.

- Ingress protection rating: IP67
- Fixing: On DIN rail, on PanelSeT SFN profile, on VDI cross-rail, on mounting plate

Characteristics	Length of cable supplied	References
External temperature sensor	3 (118,11) m (in.)	**NSYCCASTE**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

ProClima Web Software

Introduction

Thermal Conditions: A Hot Topic for Enclosures

Temperature, humidity, and dew point all affect the performance of your electrical and electronic enclosures. Problem is, unless these environments are sized properly, thermal conditions will compromise reliability, safety, and efficiency, as well as the lifetime of your panels.
The precise knowledge of the thermal conditions is therefore indispensable to choose the most appropriate thermal management solution.

ProClima Web Software



ProClima Web Software provides the user with an optimized thermal management solution for Automation and control panels.

ProClima Web Software takes into account variables such ass temperature, humidity, sun radiation and indoor or outdoor settings, in a nominal environment (without any dust, sand or corrosion). If the actual conditions involve a risk of dust, sand or corrosion, please adapt the proposed thermal solution. You can refer to the **Control Panel Technical Guide CPTG001_EN** and do not hesitate to contact your regular Schneider Electric sales point of contact.

The ProClima Web Software:
- Draws up a heat balance and defines the optimized ventilation, control, heating and cooling system to match your installed equipment temperature and humidity nominal characteristics.
- Optimizes your thermal management solution to minimize under- or over- sizing of designs.

The ProClima Web Software is recommended for panel architecture without any segregation of the compartments. The heat which is taken into account is calculated for volume. This is especially adapted for automation and control, and Motor Control Center applications

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Benefits of ProClima Web Software

- Web software with regular and constant online updates
- Intuitive navigation available in all browser languages
- Reports are available in English, French, Spanish, German, Polish, Russian and Italian
- Cybersecurity level A
- Energy efficiency criteria used
- Analyze different thermal options in one enclosure
- CAD files available for enclosures, cooling units and heat exchangers devices
- Enclosure drawings illustrate the design of your installation
- A dimensional checklist is drawn up to help ensure the solution is compatible with your enclosure size
- Download useful technical documentations
- Get a complete final thermal report ans add your own company logo to it

Applications of the software

- Indoor and outdoors installations
- Infrastructures
- Automotive industries
- Original Equipment Manufacturers (OEMs)

Download ProClima Free Software



Design the optimal thermal management solution for your control panels and keep up the health of electric and electronic devices inside your enclosures.

ProClima Web Software User Guide



Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Accessories

Mounting Accessories

PB500072_11_1



PB500222_45_nb



Fixing, Coupling and Composition Accessories

NSY2SPN124



Cable Management Accessories

PB500023_35_nb



PB500218_32_nb



PB500218_32_nb



Door Accessories

PB500188_35_nb



PB500223_25_nb



Other Accessories

PB500084_43_nb



PB500217_29_nb



6

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Contents

Mounting Accessories	**344**
Fixing, Coupling and Composition Accessories	**387**
Cable Management Accessories	**410**
Door Accessories	**438**
Other Accessories	**456**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

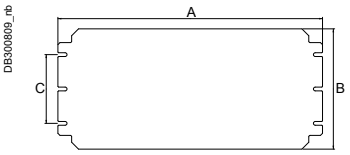
Mounting Accessories

Mounting Plates

Plain Mounting Plate

SBM SBX

- Material: Galvanized steel
- Installation: Mounting by means of 2* or 4 x Ø 5 (0.20) mm (in.) self-tapping screws, Pozidriv head, ref. **NSYAMFSB**. Mounting plate installation points compatible with many other brands of accessories.



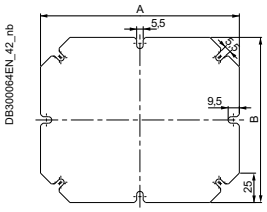
Comment:
* Only 2 screws for mounting plates with height of 150 (5.91) mm (in.)

Supply:
1 unit, supplied without screws


NSYMM11SB

Characteristics	Height mm (in.)	Width mm (in.)	References
Plain mounting plate	125 (4.92)	135 (5.31)	**NSYMM11SB**
Plain mounting plate	125 (4.92)	185 (7.28)	**NSYMM12SB**
Plain mounting plate	125 (4.92)	285 (11.22)	**NSYMM13SB**
Plain mounting plate	125 (4.92)	385 (15.16)	**NSYMM14SB**
Plain mounting plate	175 (6.89)	185 (7.28)	**NSYMM22SB**
Plain mounting plate	175 (6.89)	265 (10.43)	**NSYMM23SB**
Plain mounting plate	175 (6.89)	385 (15.16)	**NSYMM24SB**
Plain mounting plate	175 (6.89)	485 (19.09)	**NSYMM25SB**
Plain mounting plate	175 (6.89)	585 (23.03)	**NSYMM26SB**
Plain mounting plate	175 (6.89)	785 (30.91)	**NSYMM28SB**
Plain mounting plate	275 (10.83)	285 (11.22)	**NSYMM33SB**
Plain mounting plate	275 (10.83)	385 (15.16)	**NSYMM34SB**
Plain mounting plate	275 (10.83)	485 (19.09)	**NSYMM35SB**
Plain mounting plate	275 (10.83)	585 (23.03)	**NSYMM36SB**
Plain mounting plate	275 (10.83)	785 (30.91)	**NSYMM38SB**
Plain mounting plate	375 (14.76)	385 (15.16)	**NSYMM44SB**
Plain mounting plate	375 (14.76)	485 (19.09)	**NSYMM45SB**
Plain mounting plate	375 (14.76)	585 (23.03)	**NSYMM46SB**
Plain mounting plate	375 (14.76)	785 (30.91)	**NSYMM48SB**

TBS TBP

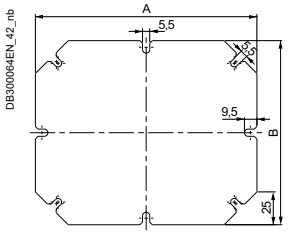


- Mounting plates made to adapt to all usage scenarios.
- Material: Galvanized steel
- Thickness: 15 (0.59)/10[e] mm (in.)
- Installation: Fixing by means of Ø 4 (0.16) mm (in.) self-tapping screws, Pozidrive and slotted head, ref. **NSYAMFSTB**

Supply:
Plates supplied without screws


NSYAMPM1916TB

Characteristics	Box mm (in.) Height	Box mm (in.) Width	Dimensions mm (in.) A	Dimensions mm (in.) B	Minor pack.	References
Mounting plate	192 (7.56)	164 (6.46)	168.5 (6.63)	140 (5.51)	1	**NSYAMPM1916TB**
Mounting plate	241 (9.49)	194 (7.64)	215 (8.46)	168.5 (6.63)	1	**NSYAMPM2419TB**
Mounting plate	291 (11.46)	241 (9.49)	265 (10.43)	215 (8.46)	1	**NSYAMPM2924TB**
Mounting plate	341 (13.43)	291 (11.46)	315 (12.40)	265 (10.43)	1	**NSYAMPM3429TB**



- Mounting plates made to adapt to all usage scenarios.
- Material: Insulated polyester plate reinforced with fiberglass, halogen-free: Glow wire resistance 750°C (1382°F).
- Thickness: 25 (0.98)/10[e] mm (in.)
- Installation: Fixing by means of Ø 4 (0.16) mm (in.) self-tapping screws, Pozidrive and slotted head, ref. **NSYAMFSTB**

Supply:
Plates supplied without screws


NSYAMPA1916TB

Characteristics	Box mm (in.) Height	Box mm (in.) Width	Dimensions mm (in.) A	Dimensions mm (in.) B	Minor pack.	References
Insulated mounting plate	192 (7.56)	164 (6.46)	168.5 (6.63)	140 (5.51)	1	**NSYAMPA1916TB**
Insulated mounting plate	241 (9.49)	194 (7.64)	215 (8.46)	168.5 (6.63)	1	**NSYAMPA2419TB**
Insulated mounting plate	291 (11.46)	241 (9.49)	265 (10.43)	215 (8.46)	1	**NSYAMPA2924TB**
Insulated mounting plate	341 (13.43)	291 (11.46)	315 (12.40)	265 (10.43)	1	**NSYAMPA3429TB**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

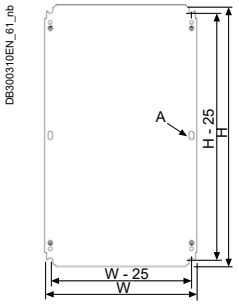
Plain Mounting plate

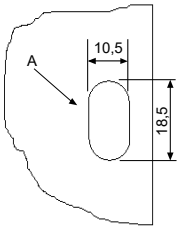
CRN S3D S3X PLM S3HD S3DEX

- Material: Galvanized steel
- Maximum load:PLM: 150 (330.7) kg (lbs.)/m²
- S3D, S3X, CRN: 250 (551.2) kg (lbs.)/m²
- Supply: One mounting plate without fixing elements

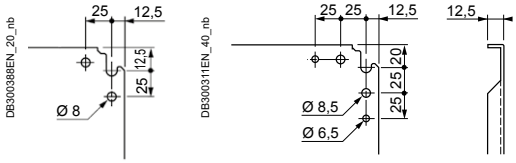


Characteristics	Height mm (in.)	Width mm (in.)	References
Plain mounting plate	150 (5.91)	150 (5.91)	**NSYMM22**
Plain mounting plate	200 (7.87)	150 (5.91)	**NSYMM2520**
Plain mounting plate	250 (9.84)	200 (7.87)	**NSYMM3025***
Plain mounting plate	200 (7.87)	350 (13.78)	**NSYMM2540**
Plain mounting plate	200 (7.87)	450 (17.72)	**NSYMM2550**
Plain mounting plate	250 (9.84)	150 (5.91)	**NSYMM32**
Plain mounting plate	250 (9.84)	250 (9.84)	**NSYMM33**
Plain mounting plate	250 (9.84)	350 (13.78)	**NSYMM43***
Plain mounting plate	250 (9.84)	400 (15.75)	**NSYMM3045**
Plain mounting plate	450 (17.72)	250 (9.84)	**NSYMM53***
Plain mounting plate	250 (9.84)	550 (21.65)	**NSYMM36**
Plain mounting plate	350 (13.78)	350 (13.78)	**NSYMM44**
Plain mounting plate	350 (13.78)	550 (21.65)	**NSYMM64***
Plain mounting plate	350 (13.78)	750 (29.53)	**NSYMM48**
Plain mounting plate	450 (17.72)	350 (13.78)	**NSYMM54**
Plain mounting plate	450 (17.72)	450 (17.72)	**NSYMM55***
Plain mounting plate	550 (21.65)	450 (17.72)	**NSYMM65**
Plain mounting plate	550 (21.65)	550 (21.65)	**NSYMM66**
Plain mounting plate	650 (25.59)	450 (17.72)	**NSYMM75**
Plain mounting plate	650 (25.59)	550 (21.65)	**NSYMM76**
Plain mounting plate	750 (29.53)	550 (21.65)	**NSYMM86***
Plain mounting plate	750 (29.53)	750 (29.53)	**NSYMM88**
Plain mounting plate	900 (35.43)	800 (31.50)	**NSYMM98**
Plain mounting plate	900 (35.43)	900 (35.43)	**NSYMM99**
Plain mounting plate	950 (37.40)	750 (29.53)	**NSYMM108**
Plain mounting plate	950 (37.40)	550 (21.65)	**NSYMM106**
Plain mounting plate	950 (37.40)	950 (37.40)	**NSYMM1010**
Plain mounting plate	1150 (45.28)	550 (21.65)	**NSYMM126**
Plain mounting plate	1150 (45.28)	750 (29.53)	**NSYMM128**
Plain mounting plate	1150 (45.28)	950 (37.40)	**NSYMM1210***
Plain mounting plate	1150 (45.28)	1150 (45.28)	**NSYMM1212**
Plain mounting plate	1350 (53.15)	950 (37.40)	**NSYMM1410**





Exclusive to Sizes Equal to or Greater Than 1000 (39.37) x 800 (31.50) mm (in.)



From Size 1000 (39.37) x 1000 (39.37) mm (in.)

6

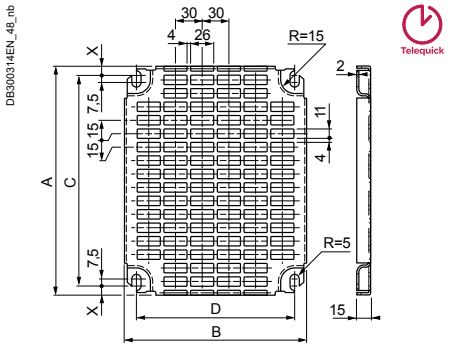
Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Mounting Accessories

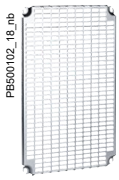
Mounting Plates

Perforated Mounting Plate Telequick

CRN S3D S3X PLM SD S3DEX



- Grille with 11 (0.43) x 26 (1.02) mm mm (in.) drill holes, with a step of 15 (0.59) x 30 (1.18) mm (in.), for direct installation, with clip nuts, of all the devices with fixing at 2, 3 or 4 points, by screws with diameters of 3 (0.12) , 4 (0.16), 5 (0.20) or 6 (0.24) mm (in.).
- Direct installation on M8 inserts at the rear of the enclosure or on step slides for depth adjustment (see page 382).
- The enclosures with height of ≥ 1000 (39.37) mm (in.) have intermediate impressions for installing mounting plates of a lesser height (M8 inserts, ref. **NSYTEX8**, to be ordered separately).
- Material: Galvanized steel
- Maximum load: 150 (330.7) kg (lbs.)/m²
- Supply: One mounting plate

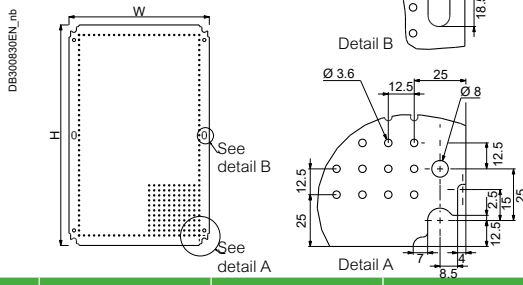


Characteristics	Height mm (in.)	Width mm (in.)	Number of perforations		References
			Height mm (in.)	Width mm (in.)	
Telequick mounting plate	250 (9.84)	150 (5.91)	16 (0.63)	5 (0.20)	**NSYMR32**
Telequick mounting plate	250 (9.84)	200 (7.87)	16 (0.63)	8 (0.31)	**NSYMR3025**
Telequick mounting plate	250 (9.84)	250 (9.84)	16 (0.63)	9 (0.35)	**NSYMR33**
Telequick mounting plate	250 (9.84)	350 (13.78)	18 (0.71)	11 (0.43)	**NSYMR34**
Telequick mounting plate	250 (9.84)	350 (13.78)	22 (0.87)	9 (0.35)	**NSYMR43**
Telequick mounting plate	350 (13.78)	350 (13.78)	24 (0.94)	11 (0.43)	**NSYMR44**
Telequick mounting plate	350 (13.78)	350 (13.78)	24 (0.94)	19 (0.75)	**NSYMR46**
Telequick mounting plate	450 (17.72)	250 (9.84)	29 (1.14)	9 (0.35)	**NSYMR53**
Telequick mounting plate	450 (17.72)	350 (13.78)	31 (1.22)	11 (0.43)	**NSYMR54**
Telequick mounting plate	450 (17.72)	450 (17.72)	31 (1.22)	14 (0.55)	**NSYMR55**
Telequick mounting plate	550 (21.65)	350 (13.78)	38 (1.50)	11 (0.43)	**NSYMR64**
Telequick mounting plate	550 (21.65)	450 (17.72)	38 (1.50)	14 (0.55)	**NSYMR65**
Telequick mounting plate	550 (21.65)	550 (21.65)	38 (1.50)	17 (0.67)	**NSYMR66**
Telequick mounting plate	550 (21.65)	750 (29.53)	36 (1.42)	24 (0.94)	**NSYMR68**
Telequick mounting plate	650 (25.59)	450 (17.72)	44 (1.73)	14 (0.55)	**NSYMR75**
Telequick mounting plate	650 (25.59)	550 (21.65)	44 (1.73)	17 (0.67)	**NSYMR76**
Telequick mounting plate	750 (29.53)	550 (21.65)	51 (2.01)	17 (0.67)	**NSYMR86**
Telequick mounting plate	750 (29.53)	750 (29.53)	51 (2.01)	24 (0.94)	**NSYMR88**
Telequick mounting plate	750 (29.53)	550 (21.65)	51 (2.01)	17 (0.67)	2 x **NSYMR86**
Telequick mounting plate	950 (37.40)	1150 (45.28)	49 (1.93)	31 (1.22)	**NSYMR810**
Telequick mounting plate	950 (37.40)	550 (21.65)	64 (2.52)	17 (0.67)	**NSYMR106**
Telequick mounting plate	950 (37.40)	750 (29.53)	64 (2.52)	24 (0.94)	**NSYMR108**
Telequick mounting plate	950 (37.40)	950 (37.40)	62 (2.44)	31 (1.22)	**NSYMR1010**
Telequick mounting plate	950 (37.40)	1150 (45.28)	62 (2.44)	37 (1.46)	**NSYMR1012**
Telequick mounting plate	1150 (45.28)	550 (21.65)	75 (2.95)	17 (0.67)	**NSYMR126**
Telequick mounting plate	1150 (45.28)	750 (29.53)	75 (2.95)	24 (0.94)	**NSYMR128**
Telequick mounting plate	1150 (45.28)	950 (37.40)	75 (2.95)	31 (1.22)	**NSYMR1210**
Telequick mounting plate	1150 (45.28)	1150 (45.28)	75 (2.95)	17 (0.67)	2 x **NSYMR126**
Telequick mounting plate	1350 (53.15)	950 (37.40)	88 (3.46)	31 (1.22)	**NSYMR1410**

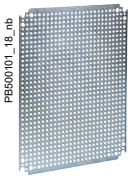
Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Microperforated Mounting Plate

CRN S3D S3X PLM SD S3DEX



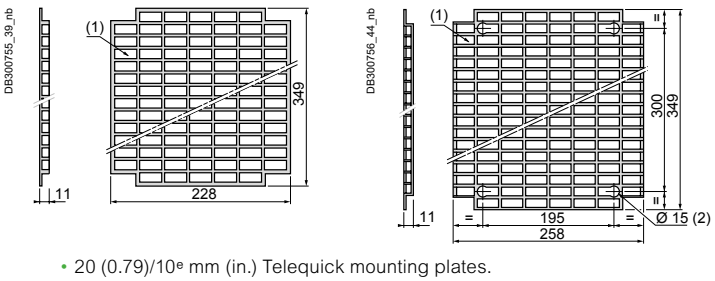
- They considerably reduce products installation time thanks to the holes prepared to receive the self-tapping screws. Holes with Ø 3.6 (0.14) mm (in.) in steps of 12.5 (0.49) mm (in.). M4 self-tapping screws of class 6.8 minimum to be used.
- Material: Galvanized steel
- Maximum load:PLM: 150 (330.7) kg (lbs.)/m²
- S3D, S3X, CRN: 250 (551.2) kg (lbs.)/m²
- Supply: One mounting plate without fixing elements



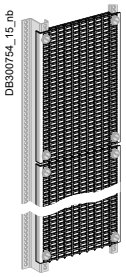
Characteristics	Height mm (in.)	Width mm (in.)	References
Microperorated mounting plate	250 (9.84)	150 (5.91)	**NSYMF32**
Microperorated mounting plate	250 (9.84)	250 (9.84)	**NSYMF33**
Microperorated mounting plate	250 (9.84)	350 (13.78)	**NSYMF43***
Microperorated mounting plate	350 (13.78)	350 (13.78)	**NSYMF44**
Microperorated mounting plate	450 (17.72)	250 (9.84)	**NSYMF53**
Microperorated mounting plate	450 (17.72)	350 (13.78)	**NSYMF54**
Microperorated mounting plate	450 (17.72)	450 (17.72)	**NSYMF55**
Microperorated mounting plate	550 (21.65)	350 (13.78)	**NSYMF64***
Microperorated mounting plate	550 (21.65)	450 (17.72)	**NSYMF65**
Microperorated mounting plate	550 (21.65)	550 (21.65)	**NSYMF66**
Microperorated mounting plate	650 (25.59)	450 (17.72)	**NSYMF75**
Microperorated mounting plate	750 (29.53)	550 (21.65)	**NSYMF86***
Microperorated mounting plate	750 (29.53)	750 (29.53)	**NSYMF88**
Microperorated mounting plate	950 (37.40)	550 (21.65)	**NSYMF106**
Microperorated mounting plate	950 (37.40)	750 (29.53)	**NSYMF108***
Microperorated mounting plate	950 (37.40)	950 (37.40)	**NSYMF1010**
Microperorated mounting plate	1150 (45.28)	550 (21.65)	**NSYMF126**
Microperorated mounting plate	1150 (45.28)	750 (29.53)	**NSYMF128**
Microperorated mounting plate	1150 (45.28)	950 (37.40)	**NSYMF1210***
Microperorated mounting plate	1150 (45.28)	1150 (45.28)	2 x **NSYMF126**

Joinable Telequick Mounting Plate

CRN S3D S3X PLM



- 20 (0.79)/10e mm (in.) Telequick mounting plates.
- These mounting plates are suitable for mounting vertically multiple plates.
- 11 (0.43) x 26 (1.02) mm (in.) slots.
- Switchgear fixing by clip-on nuts.
- Material: Zinc-coated steel
- Supply: One mounting plate and fixing elements



Characteristics	Height mm (in.)	Width mm (in.)	References
Joinable telequick Mounting plate	349 (13.74)	228 (8.98)	**AM1PA3015**
Joinable telequick Mounting plate	349 (13.74)	258 (10.16)	**AM1PA3020**
Joinable telequick Mounting plate	360 (14.17)	734 (28.90)	**AM1PA3070**
Joinable telequick Mounting plate	465 (18.31)	334 (13.15)	**AM1PA4030**
Joinable telequick Mounting plate	660 (25.98)	434 (17.09)	**AM1PA6040**
Joinable telequick Mounting plate	660 (25.98)	534 (21.02)	**AM1PA6050**
Joinable telequick Mounting plate	660 (25.98)	634 (24.96)	**AM1PA6060**
Joinable telequick Mounting plate	960 (37.80)	634 (24.96)	**AM1PA9060**
Joinable telequick Mounting plate	960 (37.80)	734 (28.90)	**AM1PA9070**

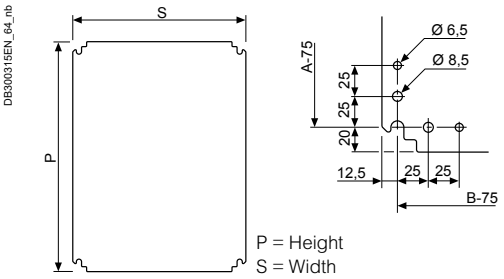
Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Mounting Accessories

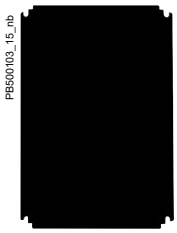
Mounting Plates

Bakelite Mounting Plate

CRN S3D S3X PLM



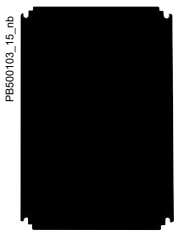
- They are coupled directly to the rear of the actual enclosure or to the sliding plate supports.
- Double-door enclosures offer the option of installing two plates.
- Material: Bakelite
- Color: RAL 9005 black
- Maximum load:100 (220.5) kg (lbs.)/m²
- Supply: One mounting plate without fixing elements



Characteristics	Height mm (in.)	Width mm (in.)	Thick.	References
Bakelite mounting plate	265 (10.43)	150 (5.91)	4	**NSYMB32**
Bakelite mounting plate	265 (10.43)	200 (7.87)	4	**NSYMB3025**
Bakelite mounting plate	325 (12.80)	250 (9.84)	4	**NSYMB43**
Bakelite mounting plate	465 (18.31)	350 (13.78)	4	**NSYMB54**
Bakelite mounting plate	565 (22.24)	350 (13.78)	4	**NSYMB64**
Bakelite mounting plate	565 (22.24)	450 (17.72)	4	**NSYMB65**
Bakelite mounting plate	665 (26.18)	450 (17.72)	4	**NSYMB75**
Bakelite mounting plate	765 (30.12)	550 (21.65)	4	**NSYMB86**
Bakelite mounting plate	765 (30.12)	550 (21.65)	4	2 x **NSYMB86**
Bakelite mounting plate	965 (37.99)	750 (29.53)	4	**NSYMB108**
Bakelite mounting plate	1150 (45.28)	950 (37.40)	4	**NSYMB1210**

PLA

- Direct installation on M8 inserts at the rear of the enclosure or on step slides for depth adjustment (see page 382). The enclosures with height of ≥ 1000 (39.37) mm (in.) have intermediate impressions for installing mounting plates of a lesser height (M8 inserts, ref. **NSYTEX8**, to be ordered separately).
- In the two door enclosures, it is possible to install one complete mounting plate or two individual mounting plates.
- Material: Bakelite
- Thickness: 4 (0.16) mm (in.)
- Maximum load: 100 (220.5) kg (lbs.)/m²
- Supply: One mounting plate

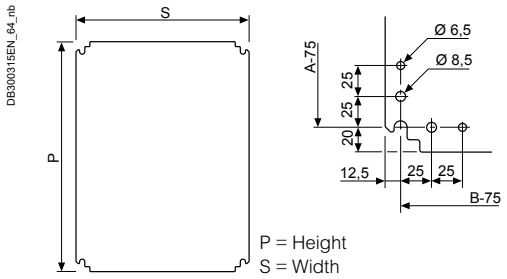


Characteristics	Heigth (A) mm (in.)	Width (B) mm (in.)	References
Bakelite mounting plate	500 (19.69)	500 (19.69)	**NSYPMB55**
Bakelite mounting plate	500 (19.69)	750 (29.53)	**NSYPMB75**
Bakelite mounting plate	500 (19.69)	1000 (39.37)	**NSYPMB510**
Bakelite mounting plate	500 (19.69)	500 (19.69) + 750 (29.53)	**NSYPMB55** + **NSYPMB75**
Bakelite mounting plate	750 (29.53)	500 (19.69)	**NSYPMB75**
Bakelite mounting plate	750 (29.53)	750 (29.53)	**NSYPMB77**
Bakelite mounting plate	750 (29.53)	1000 (39.37)	**NSYPMB710**
Bakelite mounting plate	750 (29.53)	1250 (49.21)	**NSYPMB712**
Bakelite mounting plate	1000 (39.37)	500 (19.69)	**NSYPMB105**
Bakelite mounting plate	1000 (39.37)	750 (29.53)	**NSYPMB107**
Bakelite mounting plate	1000 (39.37)	1000 (39.37)	**NSYPMB1010**
Bakelite mounting plate	1000 (39.37)	1250 (49.21)	**NSYPMB1012**
Bakelite mounting plate	1250 (49.21)	500 (19.69)	**NSYPMB125**
Bakelite mounting plate	1250 (49.21)	750 (29.53)	**NSYPMB127**
Bakelite mounting plate	1250 (49.21)	1000 (39.37)	**NSYPMB1210**
Bakelite mounting plate	1250 (49.21)	1250 (49.21)	**NSYPMB1212**
Bakelite mounting plate	1500 (59.06)	500 (19.69)	**NSYPMB155**
Bakelite mounting plate	1500 (59.06)	750 (29.53)	**NSYPMB157**
Bakelite mounting plate	1500 (59.06)	1000 (39.37)	**NSYPMB1510**
Bakelite mounting plate	1500 (59.06)	1250 (49.21)	**NSYPMB1512**
Bakelite mounting plate	2 x 1000 (39.37)	750 (29.53)	2 x **NSYPMB107**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Polyester Mounting Plate

CRN S3D S3X PLM



P = Height
S = Width

- They are coupled directly to the rear of the actual enclosure or to the sliding plate supports.
- Double-door enclosures offer the option of installing two plates.
- Material: Polyester reinforced with fiberglass
- Color: RAL 7035 gray
- Maximum load: 150 (330.7) kg (lbs.)/m²
- Supply: One mounting plate without fixing elements

NSYMPP32



Characteristics	Height mm (in.)	Width mm (in.)	Thick.	References
Polyester mounting plate	265 (10.43)	150 (5.91)	4	**NSYMPP32**
Polyester mounting plate	325 (12.80)	250 (9.84)	4	**NSYMPP43**
Polyester mounting plate	465 (18.31)	350 (13.78)	4	**NSYMPP54**
Polyester mounting plate	565 (22.24)	350 (13.78)	4	**NSYMPP64**
Polyester mounting plate	665 (26.18)	450 (17.72)	4	**NSYMPP75**
Polyester mounting plate	765 (30.12)	550 (21.65)	5	**NSYMPP86**
Polyester mounting plate	965 (37.99)	750 (29.53)	5	**NSYMPP108**

PLA

- Direct installation on M8 inserts at the rear of the enclosure or on step slides for depth adjustment (see page 382). The enclosures with height of ≥ 1000 (39.37) mm (in.) have intermediate impressions for installing mounting plates of a lesser height (M8 inserts, ref. NSYTEX8, to be ordered separately).
- In the two door enclosures, it is possible to install one complete mounting plate or two individual mounting plates.
- Material: Polyester
- Thickness:
  - 4 (0.16) mm (in.) up to 700 (27.56) mm (in.) height
  - 5 (0.20) mm (in.) from 800 (31.50) mm (in.) height
- Maximum load: 100 (220.5) kg (lbs.)/m²
- Supply: One mounting plate

NSYMPP32



Characteristics	Heigth (A) mm (in.)	Width (B) mm (in.)	References
Polyester mounting plate	500 (19.69)	500 (19.69)	**NSYPMA55**
Polyester mounting plate	500 (19.69)	750 (29.53)	**NSYPMA75**
Polyester mounting plate	500 (19.69)	500 (19.69) + 750 (29.53)	**NSYPMA55** + **NSYPMA75**
Polyester mounting plate	750 (29.53)	500 (19.69)	**NSYPMA75**
Polyester mounting plate	750 (29.53)	750 (29.53)	**NSYPMA77**
Polyester mounting plate	1000 (39.37)	500 (19.69)	**NSYPMA105**
Polyester mounting plate	1000 (39.37)	750 (29.53)	**NSYPMA107**
Polyester mounting plate	1250 (49.21)	750 (29.53)	**NSYPMA127**
Polyester mounting plate	2 x 1000 (39.37)	750 (29.53)	2 x **NSYPMA107**

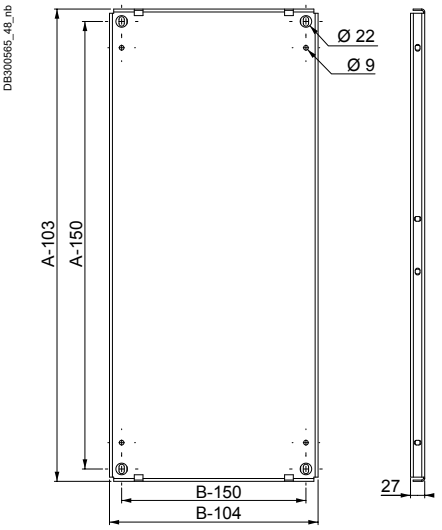
Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Mounting Accessories

Mounting Plates

Plain Mounting Plate

SM | SFN | SMX | SFX | SD | SFN HD | SFN 6G



- Depth adjustable with a pitch of 25 (0.98) mm (in.), provided with plastic shoe for easier sliding.
- Once the plate is fixed, in advanced position, the sliding shoe can be easily removed to increase the available plate surface.
- In sets made up of two or more enclosures with mounting plates, it is possible to obtain a continuous plate surface using intermediate mounting plates (see page 357).
- Load: 300 kg/ m²
- Maximum load: 600 (1322.8) kg (lbs.) in the back of the enclosure and 500 (1102.3) kg (lbs.) in the intermediate position
- Material: Galvanized steel

Fixing options:
- At the sides of the enclosure with the orthogonal brackets (see page 353)
- Back-to-back, with the brackets for fixing the mounting plates in back-to-back position (see page 353)
- For 400 (15.75) mm (in.) wide plates: with sliding rails and brackets, orthogonal brackets when mounted at back position, or with standard fixing brackets when mounted at middle position.

Note:
Accesories must be purchased separately (depending on the fixation at the back or in the mid position).

NSYSMPS rails always needed
NSYSMPB brackets for intermediate position
NSYSMPSB brackets for back position

Supply:
One mounting plate and sliding shoes.


NSYMP184

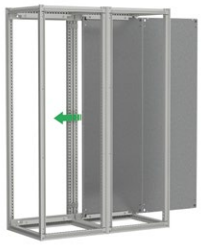
Characteristics	Width of the enclosure mm (in.)	Height of the enclosure mm (in.)	Width mm (in.)	Height mm (in.)	References
Plain mounting plate	400 (15.75)	1800 (70.87)	296 (11.65)	1697 (66.81)	**NSYMP184**
Plain mounting plate	400 (15.75)	2000 (78.74)	296 (11.65)	2097 (82.56)	**NSYMP204**
Plain mounting plate	400 (15.75)	2200 (86.61)	296 (11.65)	1897 (74.69)	**NSYMP224**
Plain mounting plate	600 (23.62)	1200 (47.24)	496 (19.53)	1097 (43.19)	**NSYMP126**
Plain mounting plate	600 (23.62)	1400 (55.12)	496 (19.53)	1297 (51.06)	**NSYMP146**
Plain mounting plate	600 (23.62)	1600 (62.99)	496 (19.53)	1497 (58.94)	**NSYMP166**
Plain mounting plate	600 (23.62)	1800 (70.87)	496 (19.53)	1697 (66.81)	**NSYMP186**
Plain mounting plate	600 (23.62)	2000 (78.74)	496 (19.53)	1897 (74.69)	**NSYMP206**
Plain mounting plate	600 (23.62)	2200 (86.61)	496 (19.53)	2097 (82.56)	**NSYMP226**
Plain mounting plate	800 (31.50)	1200 (47.24)	696 (27.40)	1097 (43.19)	**NSYMP128**
Plain mounting plate	800 (31.50)	1400 (55.12)	696 (27.40)	1297 (51.06)	**NSYMP148**
Plain mounting plate	800 (31.50)	1600 (62.99)	696 (27.40)	1497 (58.94)	**NSYMP168**
Plain mounting plate	800 (31.50)	1800 (70.87)	696 (27.40)	1697 (66.81)	**NSYMP188**
Plain mounting plate	800 (31.50)	2000 (78.74)	696 (27.40)	1897 (74.69)	**NSYMP208**
Plain mounting plate	800 (31.50)	2200 (86.61)	696 (27.40)	2097 (82.56)	**NSYMP228**
Plain mounting plate	1000 (39.37)	1200 (47.24)	896 (35.28)	1097 (43.19)	**NSYMP1210**
Plain mounting plate	1000 (39.37)	1400 (55.12)	896 (35.28)	1297 (51.06)	**NSYMP1410**
Plain mounting plate	1000 (39.37)	1600 (62.99)	896 (35.28)	1497 (58.94)	**NSYMP1610**
Plain mounting plate	1000 (39.37)	1800 (70.87)	896 (35.28)	1697 (66.81)	**NSYMP1810**
Plain mounting plate	1000 (39.37)	2000 (78.74)	896 (35.28)	1897 (74.69)	**NSYMP2010**
Plain mounting plate	1000 (39.37)	2200 (86.61)	896 (35.28)	2097 (82.56)	**NSYMP2210**
Plain mounting plate	1200 (47.24)	1200 (47.24)	1096 (43.15)	1097 (43.19)	**NSYMP1212**
Plain mounting plate	1200 (47.24)	1400 (55.12)	1096 (43.15)	1297 (51.06)	**NSYMP1412**
Plain mounting plate	1200 (47.24)	1600 (62.99)	1096 (43.15)	1497 (58.94)	**NSYMP1612**
Plain mounting plate	1200 (47.24)	1800 (70.87)	1096 (43.15)	1697 (66.81)	**NSYMP1812**
Plain mounting plate	1200 (47.24)	2000 (78.74)	1096 (43.15)	1897 (74.69)	**NSYMP2012**
Plain mounting plate	1200 (47.24)	2200 (86.61)	1096 (43.15)	2097 (82.56)	**NSYMP2212**
Plain mounting plate	1600 (62.99)	1800 (70.87)	1496 (58.90)	1697 (66.81)	**NSYMP1816**
Plain mounting plate	1600 (62.99)	2000 (78.74)	1496 (58.90)	1897 (74.69)	**NSYMP2016**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Extra Large Mounting Plate

SFN

PB503923



- Extended mounting plates for PanelSeT SFN, to use the maximum space available.
- Mounting plates can be coupled for a continuous mounting surface.
- Easy installation by side-entry rails, see page 367
- Material: Galvanized steel
- Supply: One mounting plate

Characteristics	Height mm (in.)	Width mm (in.)	References
Extra large mounting plate	1800 (70.87)	800 (31.50)	**NSYMP188L**
Extra large mounting plate	2000 (78.74)	800 (31.50)	**NSYMP208L**
Extra large mounting plate	2000 (78.74)	1000 (39.37)	**NSYMP2010L**

Further dimensions available on demand.

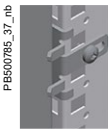
Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Mounting Accessories

Accessories for Floor-Standing Mounting Plates

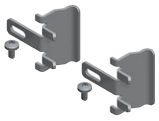
Intermediate Fixing of the Mounting Plate, Located in the Back of the Enclosure

SM SFN SFX



- Support for additional fixing of the mounting plate, at any height of the plate when the plate is mounted in the back of the enclosure.
- The supports minimize the vibration of the plate during the transport and operation of the panel.
- Material: Zinc-coated steel
- **Fixing:** The supports are fixed to the structure when the plate is already located in the back of the enclosure
  PanelSeT SM: Fixing to 40 (1.57) mm (in.) universal cross-rails (one row), installed vertically in the back of the enclosure, see page 363

Supply:
Ten units and fixing elements. Reference by unit. Order by multiples of 10 (10, 20, 30…)


NSYSMPFB

Characteristics	References
Intermediate fixing of the mounting plate, located in the back of the enclosure	**NSYSMPFB**

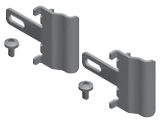
Intermediate Fixing of the Mounting Plate, in Advanced Position

SM SFN SFX



- Support for additional fixing of the mounting plate, at any height of the plate when the plate is mounted in advanced position.
- The supports minimize the vibration of the plate during the transport and operation of the panel.
- Material: Zinc-coated steel
- **Fixing:** The supports are mounted on light cross-rails or on 40 (1.57) mm (in.) (one row) universal or quick-fixing cross-rails (not supplied), see page 363

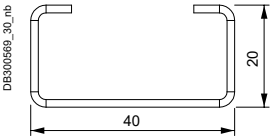
Supply:
Ten units and fixing elements. Reference by unit. Order by multiples of 10 (10, 20, 30…)


NSYSMPFA

Characteristics	References
Intermediate fixing of the mounting plate, in advanced position	**NSYSMPFA**

Reinforcement for Mounting Plate

SM SFN SFX



- Reinforcement kit for transversal mounting plate.
- Provides extra rigidity to the mounting plates and absorbs vibrations.
- Not compatible with extra-large mounting plates
- Can be used as a support for fixing very heavy elements.
- Material: Zinc-coated steel
- Thickness: 15 (0.59)/10[e] mm (in.)

Supply:
Two profiles, four supports for fixing to the mounting plate and fixing elements


NSYMPRK8

Characteristics	Width mm (in.)	References
Reinforcement for mounting plate	800 (31.50)	**NSYMPRK8**
Reinforcement for mounting plate	1000 (39.37)	**NSYMPRK10**
Reinforcement for mounting plate	1200 (47.24)	**NSYMPRK12**
Reinforcement for mounting plate	1600 (62.99)	**NSYMPRK16**

Elevator for Microperforated Mounting Plate

- Mounting plate elevator to mount the microperforated mounting plate on the same level as the other Telequick system components.

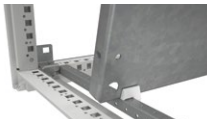
Supply:
Four units


AZ1CA04

Characteristics	Reference
Elevator for microperforated mounting plate	**AZ1CA04**

Mounting Plate Sliding Rails

SFN SFN HD



- Rail in which the mounting plate slides along when inserted in the enclosure.
- Once the mounting plate is installed and fixed to the brackets, the sliding rails can be removed to maximize the cable passage surface, and can be installed depthwise in other positions.
- Material: Galvanized steel

Supply:
Four brackets and fixing elements


NSYSMPS4

Characteristics	Depth mm (in.)	References
Mounting plate sliding rails	400 (15.75)	**NSYSMPS4**
Mounting plate sliding rails	500 (19.69)	**NSYSMPS5**
Mounting plate sliding rails	600 (23.62)	**NSYSMPS6**
Mounting plate sliding rails	800 (31.50)	**NSYSMPS8**

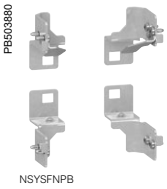
Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Mounting Accessories

Accessories for Floor-Standing Mounting Plates

Mounting Plate Fixing Brackets

SM SFN SMX SFX



- For direct mounting on the structure of the enclosure.
- Adjustable depth with a pitch of 25 (0.98) mm (in.).
- Material: Zinc-coated steel
- Maximum load: Four brackets: 600 (1322.8) kg (lbs.)

Supply:
Four brackets and fixing elements

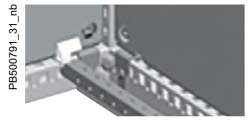
Characteristics	Compatibility	References
Mounting plate fixing brackets	SFN	**NSYSFNPB**
Mounting plate fixing brackets	SM, SMX, SFX	**NSYSMPB**

Orthogonal Brackets

SFN SFX



- Designed for the installation of mounting plates on the sides of the enclosure.
- When installing one plate in the back of the enclosure and one plate at the side, they must both be installed using orthogonal brackets.
- PanelSeT SFX: Mounting the lateral mounting plate requires the removal of the one on the back and its fixing brackets.
- Material: Zinc-coated steel
- Maximum load: Four brackets: 600 (1322.8) kg (lbs.)

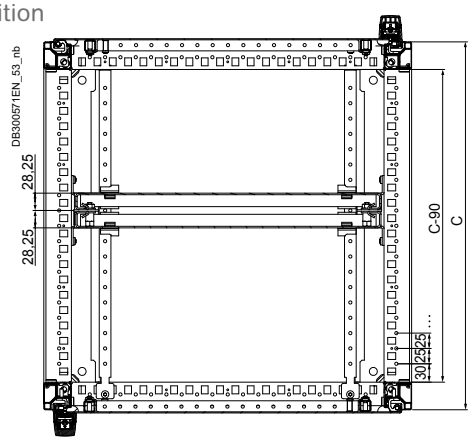


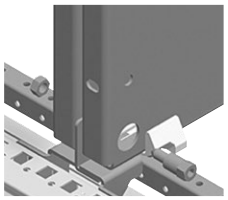
Supply:
Four brackets and fixing elements

Characteristics	References
Orthogonal brackets	**NSYSMPSB**

Brackets for Fixing Mounting Plates in Back-to-Back Position

SFN







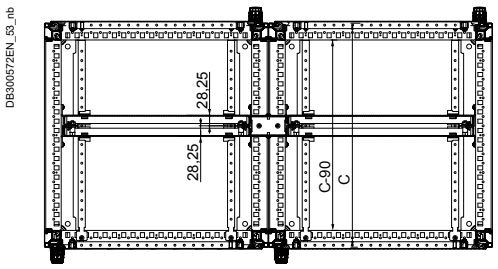
- Doubling the mounting surface.
- Adjustable with a pitch of 25 (0.98) mm (in.).
- Material: Zinc-coated steel

Supply:
Four brackets for fixing back-to-back and fixing elements

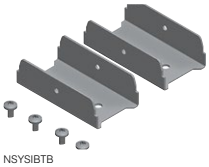
Characteristics	References
Brackets for fixing mounting plates in back-to-back position	**NSYSBTB**

Brackets for Fixing Intermediate Mounting Plates in Back-to-Back Position

SM SFN SMX SFX







- Doubling the mounting surface.
- Adjustable with a pitch of 25 (0.98) mm (in.).
- Material: Zinc-coated steel

Supply:
2 brackets for fixing intermediate plates back-to-back and fixing elements

Characteristics	References
Brackets for fixing intermediate mounting plates in back-to-back position	**NSYSIBTB**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

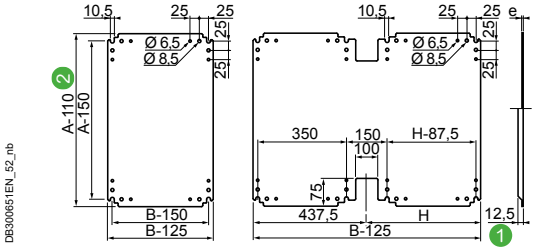
Mounting Accessories

Mounting Plates

Plain Mounting Plate

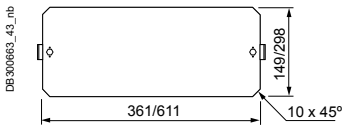
PLA PHD

- Direct installation on M8 inserts at the rear of the enclosure or on step slides for depth adjustment (see page 382). The enclosures with height of ≥ 1000 (39.37) mm (in.) have intermediate impressions for installing mounting plates of a lesser height (M8 inserts, ref. **NSYTEX8**, to be ordered separately).
- In the two door enclosures, it is possible to install one complete mounting plate or two individual mounting plates.
- Material: Galvanized sheet steel
- Thickness: 2.5 (0.10) mm (in.)
- Maximum load: 150 (330.7) kg (lbs.)/m²
- Supply: One mounting plate





Characteristics	Heigth (A) mm (in.)	Width (B) mm (in.)	Surface (dm²)	References
Plain mounting plate	500 (19.69)	500 (19.69)	14	**NSYPMM55**
Plain mounting plate	500 (19.69)	750 (29.53)	24	**NSYPMM75**
Plain mounting plate	500 (19.69)	1000 (39.37)	32	**NSYPMM510**
Plain mounting plate	500 (19.69)	1250 (49.21)	38	**NSYPMM55** + **NSYPMM75**
Plain mounting plate	750 (29.53)	500 (19.69)	24	**NSYPMM75**
Plain mounting plate	750 (29.53)	750 (29.53)	40	**NSYPMM77**
Plain mounting plate	750 (29.53)	1000 (39.37)	54	**NSYPMM710**
Plain mounting plate	750 (29.53)	1250 (49.21)	70	**NSYPMM712**
Plain mounting plate	1000 (39.37)	500 (19.69)	33	**NSYPMM105**
Plain mounting plate	1000 (39.37)	750 (29.53)	55	**NSYPMM107**
Plain mounting plate	1000 (39.37)	1000 (39.37)	74	**NSYPMM1010**
Plain mounting plate	1000 (39.37)	1250 (49.21)	96	**NSYPMM1012**
Plain mounting plate	1250 (49.21)	500 (19.69)	42	**NSYPMM125**
Plain mounting plate	1250 (49.21)	750 (29.53)	70	**NSYPMM127**
Plain mounting plate	1250 (49.21)	1000 (39.37)	96	**NSYPMM1210**
Plain mounting plate	1250 (49.21)	1250 (49.21)	124	**NSYPMM1212**
Plain mounting plate	1500 (59.06)	500 (19.69)	51	**NSYPMM155**
Plain mounting plate	1500 (59.06)	750 (29.53)	85	**NSYPMM157**
Plain mounting plate	1500 (59.06)	1000 (39.37)	118	**NSYPMM1510**
Plain mounting plate	1500 (59.06)	1250 (49.21)	152	**NSYPMM1512**
Plain mounting plate	2000 (78.74)	750 (29.53)	115	**NSYPMM207**



PLA PHD

- Plate for fixing non-modular devices.
- Depth-adjustable fixing on the supports from 40 (1.57) to 85 (3.35) mm (in.).
- Material: Galvanized steel 2 (0.08) mm (in.) thick

Supply:
Order by multiples of 2 (2, 4, 6...)



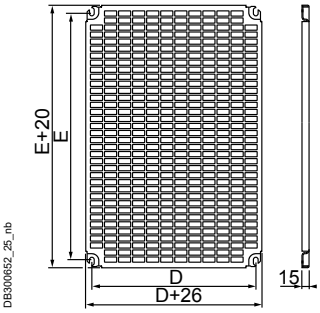
Characteristics	For enclosure - Width mm (in.)	Height - A mm (in.)	Thickness mm (in.)	References
Plain mounting plate	500 (19.69)	149 (5.87)	2 (0.08)	**NSYPMP500DLP**
Plain mounting plate	500 (19.69)	298 (11.73)	2 (0.08)	**NSYPMP5002DLP**
Plain mounting plate	750 (29.53)	149 (5.87)	2 (0.08)	**NSYPMP750DLP**
Plain mounting plate	750 (29.53)	298 (11.73)	2 (0.08)	**NSYPMP7502DLP**

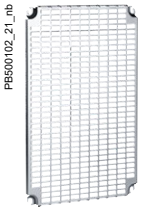
Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Perforated Mounting Plate Telequick

PLA

- Grille with 11 (0.43) x 26 (1.02) mm (in.) drill holes, with a step of 15 (0.59) x 30 (1.18) mm (in.), for direct installation, with clip nuts, of all the devices with fixing at 2, 3 or 4 points, by screws with diameters of 3 (0.12), 4 (0.16), 5 (0.20) or 6 (0.24) mm (in.).
- Direct installation on M8 inserts at the rear of the enclosure or on step slides for depth adjustment (see page 382).
- The enclosures with height of ≥ 1000 (39.37) mm (in.) have intermediate impressions for installing mounting plates of a lesser height (M8 inserts, ref. **NSYTEX8**, to be ordered separately).
- Material: Galvanized steel
- Maximum load: 150 (330.7) kg (lbs.)/m²
- Supply: One mounting plate





Characteristics	Heigth (E) mm (in.)	Width (D) mm (in.)	Surface (dm²)	References
Telequick mounting plate	350 (13.78)	350 (13.78)	13	**NSYPMR55**
Telequick mounting plate	350 (13.78)	600 (23.62)	23	**NSYPMR57**
Telequick mounting plate	350 (13.78)	2 x 350 (13.78)	26	2 x **NSYPMR55**
Telequick mounting plate	350 (13.78)	350 (13.78) + 600 (23.62)	36	**NSYPMR55** + **NSYPMR57**
Telequick mounting plate	600 (23.62)	350 (13.78)	23	**NSYPMR75**
Telequick mounting plate	600 (23.62)	600 (23.62)	38	**NSYPMR77**
Telequick mounting plate	600 (23.62)	2 x 350 (13.78)	46	2 x **NSYPMR75**
Telequick mounting plate	600 (23.62)	600 (23.62)	61	**NSYPMR75** + **NSYPMR77**
Telequick mounting plate	850 (33.46)	350 (13.78)	32	**NSYPMR105**
Telequick mounting plate	850 (33.46)	600 (23.62)	54	**NSYPMR107**
Telequick mounting plate	850 (33.46)	2 x 350 (13.78)	64	2 x **NSYPMR105**
Telequick mounting plate	850 (33.46)	350 (13.78) + 600 (23.62)	86	**NSYPMR105** + **NSYPMR107**
Telequick mounting plate	1100 (43.31)	350 (13.78)	42	**NSYPMR125**
Telequick mounting plate	1100 (43.31)	600 (23.62)	70	**NSYPMR127**
Telequick mounting plate	1100 (43.31)	2 x 350 (13.78)	84	2 x **NSYPMR125**
Telequick mounting plate	1100 (43.31)	350 (13.78) + 600 (23.62)	112	**NSYPMR125** + **NSYPMR127**
Telequick mounting plate	1350 (53.15)	350 (13.78)	51	**NSYPMR155**
Telequick mounting plate	1350 (53.15)	600 (23.62)	85	**NSYPMR157**
Telequick mounting plate	1350 (53.15)	2 x 350 (13.78)	102	2 x **NSYPMR155**
Telequick mounting plate	1350 (53.15)	350 (13.78) + 600 (23.62)	136	**NSYPMR155** + **NSYPMR157**
Telequick mounting plate	2 x 850 (33.46)	2 x 600 (23.62)	108	2 x **NSYPMR107**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

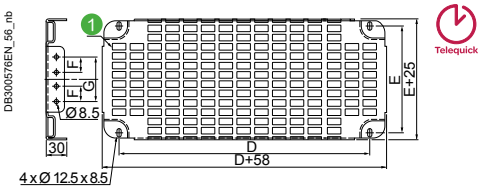
Mounting Accessories

Mounting Plates

Perforated Mounting Plate Telequick

SM | SFN | SMX | SFX | SD

- Allows the installation of switchgear without drilling or screwing.
- Plate designed for quick-fixing of switchgear by means of clip-on nuts ref. **AF1EA3** to **AF1EA6**.
- To ensure vertical continuity, multiple Telequick plates can be installed consecutively in a stacked arrangement.
- The top plate must be fixed in the third hole, 80 (3.15) mm (in.) from the top frame.
- Load: 150 (330.7) kg (lbs.)/m²
- Material: Zinc-coated steel

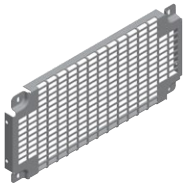


1 Cut-outs 11 (0.43) x 26 (1.02) mm (in.) with a pitch of 15 (0.59) x 30 (1.18) mm (in.).

Fixing options:
- Directly to the vertical uprights of the structure, by means of self-tapping screws (only PanelSeT SFN)
- To the technical vertical uprights, by means of sliding nuts, see page 361;
- To standard uprights by means of flat nuts, see page 386 or self-tapping screws, and to cross-rails

Comment:
Examples of combination see below.

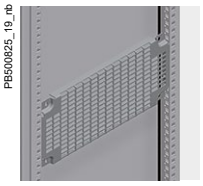
Supply:
One perforated mounting plate and fixing elements for technical uprights and screws for fixing to the structure or cross-rails.



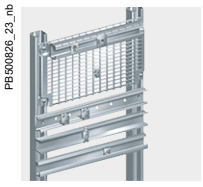
NSYSTMP4560

Characteristics	Width mm (in.)	Plate height mm (in.) D	E	F	G	Useful surface (dm²)	References
Perforated mounting plate Telequick	600 (23.62)	450 (17.72)	200 (7.87)	-	100 (3.94)	11.4	**NSYSTMP2260**
Perforated mounting plate Telequick	600 (23.62)	450 (17.72)	425 (16.73)	-	325 (12.80)	22.8	**NSYSTMP4560**
Perforated mounting plate Telequick	600 (23.62)	450 (17.72)	575 (22.64)	125 (4.92)	475 (18.70)	30.4	**NSYSTMP6060**
Perforated mounting plate Telequick	600 (23.62)	450 (17.72)	800 (31.50)	250 (9.84)	700 (27.56)	11.9	**NSYSTMP8260**
Perforated mounting plate Telequick	800 (31.50)	650 (25.59)	200 (7.87)	-	100 (3.94)	15.9	**NSYSTMP2280**
Perforated mounting plate Telequick	800 (31.50)	650 (25.59)	425 (16.73)	-	325 (12.80)	31.8	**NSYSTMP4580**
Perforated mounting plate Telequick	800 (31.50)	650 (25.59)	575 (22.64)	125 (4.92)	475 (18.70)	42.4	**NSYSTMP6080**
Perforated mounting plate Telequick	800 (31.50)	650 (25.59)	800 (31.50)	250 (9.84)	700 (27.56)	58.4	**NSYSTMP8280**
Perforated mounting plate Telequick	1000 (39.37)	850 (33.46)	200 (7.87)	-	100 (3.94)	20.4	**NSYSTMP22100**
Perforated mounting plate Telequick	1000 (39.37)	850 (33.46)	425 (16.73)	-	325 (12.80)	40.8	**NSYSTMP45100**
Perforated mounting plate Telequick	1000 (39.37)	850 (33.46)	575 (22.64)	125 (4.92)	475 (18.70)	54.4	**NSYSTMP60100**
Perforated mounting plate Telequick	1000 (39.37)	850 (33.46)	800 (31.50)	250 (9.84)	700 (27.56)	74.9	**NSYSTMP82100**
Perforated mounting plate Telequick	1200 (47.24)	1050 (41.34)	200 (7.87)	-	100 (3.94)	24.9	**NSYSTMP22120**
Perforated mounting plate Telequick	1200 (47.24)	1050 (41.34)	425 (16.73)	-	325 (12.80)	49.9	**NSYSTMP45120**
Perforated mounting plate Telequick	1200 (47.24)	1050 (41.34)	575 (22.64)	125 (4.92)	475 (18.70)	66.5	**NSYSTMP60120**
Perforated mounting plate Telequick	1200 (47.24)	1050 (41.34)	800 (31.50)	250 (9.84)	700 (27.56)	91.5	**NSYSTMP82120**

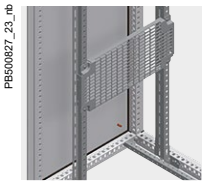
Examples of perforated mounting plate installation



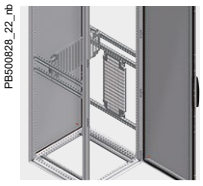
- Perforated plate mounted on structure.



- Perforated plate mounted on technical vertical uprights.



- Perforated plate mounted on standard vertical uprights.



- Perforated plate mounted on cross-rails.

Examples of Mounting Plates Combination

Length of joined PanelSeT SFN enclosures mm (in.)	Example of PanelSeT SFN enclosure combination width mm (in.) (B)	Example of combining mounting plates by width mm (in.)	Useful length mm (in.)
1200 (47.24)	1200 (47.24)	600 (23.62) + 800 (31.50)	1192 (46.93)
1400 (55.12)	600 (23.62) + 800 (31.50)	600 (23.62) + 1000 (39.37)	1392 (54.80)
1600 (62.99)	2 x 800 (31.50)	800 (31.50) + 1000 (39.37)	1592 (62.68)
1800 (70.87)	3 x 600 (23.62)	800 (31.50) + 1200 (47.24)	1792 (70.55)
2000 (78.74)	2 x 1000 (39.37)	1000 (39.37) + 1200 (47.24)	1992 (78.43)
2200 (86.61)	600 (23.62) + 2 x 800 800 (31.50)	1200 (47.24) + 1200 (47.24)	2192 (86.30)
2400 (94.49)	3 x 800 (31.50)	1600 (62.99) + 1000 (39.37)	2392 (94.17)
2400 (94.49)	3 x 800 (31.50)	3 x 600 (23.62) + 1000 (39.37)	2384 (93.86)
2600 (102.36)	2 x 1000 (39.37) + 600 (23.62)	1600 (62.99) + 1200 (47.24)	2592 (102.05)
2600 (102.36)	2 x 1000 (39.37) + 600 (23.62)	3 x 600 (23.62) + 1200 (47.24)	2584 (101.73)
2800 (110.24)	2 x 1000 (39.37) + 800 (31.50)	4 x 800 (31.50)	2784 (109.61)
3000 (118.11)	3 x 1000 (39.37)	3 x 800 (31.50) + 1000 (39.37)	2984 (117.48)
3200 (125.98)	2 x 1000 (39.37) + 1200 (47.24)	3 x 800 (31.50) + 1200 (47.24)	3184 (125.35)
3400 (133.86)	3 x 800 (31.50) + 1000 (39.37)	800 (31.50) + 3 x 1000 (39.37)	3384 (133.23)
3600 (141.73)	3 x 1200 (47.24)	4 x 1000 (39.37)	3584 (141.10)
3800 (149.61)	800 (31.50) + 3 x 1000 (39.37)	600 (23.62) + 3 x 1200 (47.24)	3784 (148.98)
4000 (157.48)	4 x 1000 (39.37)	800 (31.50) + 3 x 1200 (47.24)	3984 (156.85)

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Partial Mounting Plate

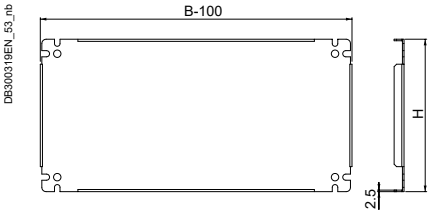
SM SFN SMX SFX PLA SD

Telequick

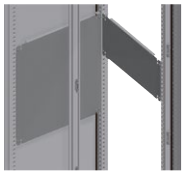
- Partial mounting plate, provided with reinforcement flange on its four sides.
- Load: 250 (551.2) kg (lbs.)/m²
- Material: Galvanized steel

Fixing options:
PanelSeT SFN and SFX:
- Fixing to the vertical uprights of the structure
- Fixing to the technical or standard vertical uprights, see page 361
- For installations in advanced position, fixing to cross-rails, see page 363

PanelSeT SM:
- Fixing by means of adaptation profiles and 40 (1.57) mm (in.) universal cross-rails (one row) in vertical position, or also on horizontal universal cross-rails
- It can be mounted horizontally, as a tray, by means of depthwise cross-rails, see page 363



Supply:
Partial mounting plate and fixing elements

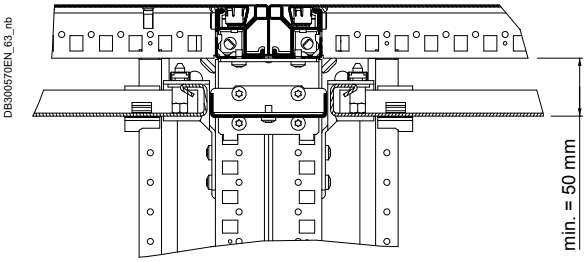

NSYSPMP2560

Characteristics	Width mm (in.) B	Plate height mm (in.) H	Plate length mm (in.) B-100	References
Partial mounting plate	600 (23.62)	247 (9.72)	500 (19.69)	**NSYSPMP2560**
Partial mounting plate	600 (23.62)	397 (15.63)	500 (19.69)	**NSYSPMP4060**
Partial mounting plate	600 (23.62)	597 (23.50)	500 (19.69)	**NSYSPMP6060**
Partial mounting plate	800 (31.50)	247 (9.72)	700 (27.56)	**NSYSPMP2580**
Partial mounting plate	800 (31.50)	397 (15.63)	700 (27.56)	**NSYSPMP4080**
Partial mounting plate	800 (31.50)	597 (23.50)	700 (27.56)	**NSYSPMP6080**
Partial mounting plate	1000 (39.37)	247 (9.72)	900 (35.43)	**NSYSPMP25100**
Partial mounting plate	1000 (39.37)	397 (15.63)	900 (35.43)	**NSYSPMP40100**
Partial mounting plate	1200 (47.24)	247 (9.72)	1100 (43.31)	**NSYSPMP25120**
Partial mounting plate	1200 (47.24)	397 (15.63)	1100 (43.31)	**NSYSPMP40120**
Partial mounting plate	1200 (47.24)	597 (23.50)	1100 (43.31)	**NSYSPMP60120**

Intermediate Mounting Plate

SFN SFX

- Obtains a continuous surface of the mounting plate at enclosure suites.
- Adjustable depth with a pitch of 25 (0.98) mm (in.). When the mounting plates are located in the back of the enclosure, the vertical profiles of the structure are flush with the plates, acting as an intermediate mounting plate. In this case the intermediate plate cannot be installed.
- Material: Galvanized steel





Supply:
One intermediate plate and fixing elements


NSYSIMP12

Characteristics	Height mm (in.)	References
Intermediate mounting plate	1200 (47.24)	**NSYSIMP12**
Intermediate mounting plate	1400 (55.12)	**NSYSIMP14**
Intermediate mounting plate	1600 (62.99)	**NSYSIMP16**
Intermediate mounting plate	1800 (70.87)	**NSYSIMP18**
Intermediate mounting plate	2000 (78.74)	**NSYSIMP20**
Intermediate mounting plate	2200 (86.61)	**NSYSIMP22**

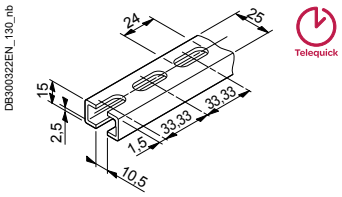
Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Mounting Accessories

Rails for Wall-Mounted Enclosures

Aluminum Vertical Rails

CRN S3D S3X PLM PLA




NSYMDVR12

- Fixing in the enclosure with M8 nuts, ref. **NSYAMCSF** (set of 4 adapters to be ordered separately).

Characteristics	Height mm (in.)	Supply (units)	References
Aluminum vertical rail	1200 (47.24)	2	**NSYMDVR12**
Aluminum vertical rail	3000 (118.11)	10	**NSYMDVR3M**

Sliding Nuts

PLS PLM PLA

- Sliding nuts to be used on aluminum vertical rails.

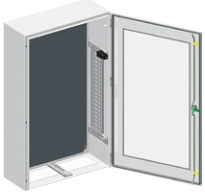
Supply:
100 Sliding nuts


NSYNM5

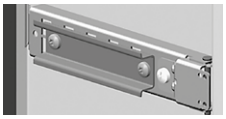
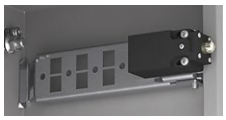
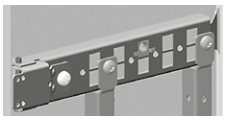
Characteristics	Type	References
Sliding Nut	M4	**NSYNM4**
Sliding Nut	M5	**NSYNM5**
Sliding Nut	M6	**NSYNM6**

Mounting Rail

CRN S3D



- Accessory designed to optimize the available space in the enclosure.
- It is intended for the installation of switchgear complementing the chassis.
- Mounting possible after installing the mounting plate.
- It is mounted horizontally, with a single screw, on the side panels.
- Door switch mounting option.
- It is possible to vertically fasten **NSYSLCR●●** light cross-rails (description on page 365) and **NSYSQCR●●** quick-fixing cross-rails (description on page 364).
- Material: Galvanized steel
- Maximum load: Static load: 6 (13.2) kg (lbs.) (sides) and 1.5 (3.3) kg (lbs.) (top); Dynamic load (transport horizontally): 2 (4.4) kg (lbs.) according to ASTM D-4169-16
- Installation: In order to ensure the electrical continuity in all cases we recommend using an earthing cable **NSYEL●●●D6** or **NSYEL●●●D8**, see page 459

Supply:
Set of 2 cross-rails

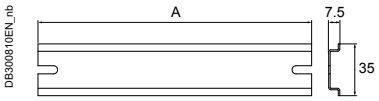

NSYSUCR200WM

Characteristics	Enclosure depth mm (in.)	References
Mounting rail for wall-mounted enclosure	200 (7.87)	**NSYSUCR200WM**
Mounting rail for wall-mounted enclosure	250 (9.84)	**NSYSUCR250WM**
Mounting rail for wall-mounted enclosure	300 (11.81)	**NSYSUCR300WM**
Mounting rail for wall-mounted enclosure	400 (15.75)	**NSYSUCR400WM**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Symmetrical DIN Rails

SBM SBX

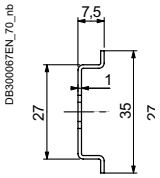


- Material: Galvanized steel
- Installation: Mounting by means of 2 x Ø 5 (0.20) mm (in.) self-tapping screws, Pozidriv head, ref. **NSYAMFSB**
- All boxes are delivered with 5 x Ø 5 (0.20) mm (in.) self-tapping screws.

Supply:
10 rails, supplied without screws


NSYAMRD15357SB

Characteristics	Height mm (in.)	Width mm (in.)	DIN rail lenght A mm (in.)	References
Symmetrical DIN rail	35 (1.38)	150 (5.91)	135 (5.31)	**NSYAMRD15357SB**
Symmetrical DIN rail	35 (1.38)	200 (7.87)	185 (7.28)	**NSYAMRD20357SB**
Symmetrical DIN rail	35 (1.38)	300 (11.81)	285 (11.22)	**NSYAMRD30357SB**
Symmetrical DIN rail	35 (1.38)	400 (15.75)	385 (15.16)	**NSYAMRD40357SB**
Symmetrical DIN rail	35 (1.38)	500 (19.69)	485 (19.09)	**NSYAMRD50357SB**
Symmetrical DIN rail	35 (1.38)	600 (23.62)	585 (23.03)	**NSYAMRD60357SB**
Symmetrical DIN rail	35 (1.38)	800 (31.50)	785 (30.91)	**NSYAMRD80357SB**



TBS TBP

- Installation: Fixing of the rails with Ø 4 (0.16) mm (in.) self-tapping screws, (not included), Pozidrive and slotted head, ref. **NSYAMFSTB**

Supply:
Supplied without screws


NSYAMRD11357TB

Characteristics	Height mm (in.)	Depth mm (in.)	Length mm (in.)	Box mm (in.)	References
Symmetric DIN rail	35 (1.38)	7.5 (0.30)	97 (3.82)	105 (4.13)	**NSYAMRD11357TB**
Symmetric DIN rail	35 (1.38)	7.5 (0.30)	140 (5.51)	150 (5.91)	**NSYAMRD16357TB**
Symmetric DIN rail	35 (1.38)	7.5 (0.30)	168 (6.61)	175 (6.89)	**NSYAMRD19357TB**
Symmetric DIN rail	35 (1.38)	7.5 (0.30)	214 (8.43)	225 (8.86)	**NSYAMRD24357TB**
Symmetric DIN rail	35 (1.38)	7.5 (0.30)	264 (10.39)	275 (10.83)	**NSYAMRD29357TB**
Symmetric DIN rail	35 (1.38)	7.5 (0.30)	316 (12.44)	325 (12.80)	**NSYAMRD34357TB**

35 (1.38) mm (in.) Symmetrical DIN Rails

PLM

They are fixed to the rear of the enclosure without uprights, with a pitch of 25 (0.98) mm (in.) for the notches on the rear of the enclosure using direct-fixing nuts ref. **NSYTCSPLM** or **NSYTCSM6PLM**.

- Material: Galvanized steel

Supply:
References by unit. Order by multiples of 2 units (2, 4, 6, etc.)


NSYCS200PLM

Characteristics	For wall-mounted enclosure width mm (in.)	Rail length mm (in.)	References
35 (1.38) mm symmetrical DIN rails	215 (8.46)	180 (7.09)	**NSYCS200PLM**
35 (1.38) mm symmetrical DIN rails	330 (12.99)	280 (11.02)	**NSYCS300PLM**
35 (1.38) mm symmetrical DIN rails	430 (16.93) / 436 (17.17)	380 (14.96)	**NSYCS400PLM**
35 (1.38) mm symmetrical DIN rails	536 (21.10)	480 (18.90)	**NSYCS500PLM**
35 (1.38) mm symmetrical DIN rails	636 (25.04)	580 (22.83)	**NSYCS600PLM**
35 (1.38) mm symmetrical DIN rails	852 (33.54)	795 (31.30)	**NSYCS800PLM**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Mounting Accessories

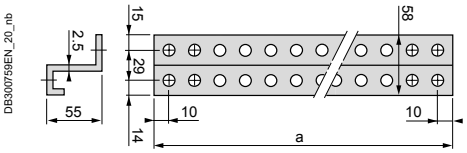
Uprights for Wall-Mounted Enclosures

20 (0.79)/10e mm (in.) Zinc-Coated Pre-Drilled Uprights

S3D S3X PLM



DZ6MZ211



Telequick

- Ø 11 (0.43) mm (in.) holes enable to adjust the rows of equipment by 20 (0.79) mm (in.) steps.

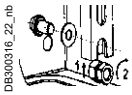
Characteristics	Height mm (in.)	Weight (g)	References
20 (0.79)/10e mm (in.) zinc-coated pre-drilled uprights	1920 (75.59)	4000 (157.48)	**DZ6MZ211**

Brass Nuts to Fix the Upright to the Enclosures

CRN S3D PLM PLA S3CM



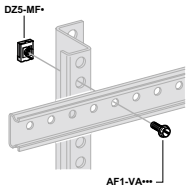
NSYAMCSF



Supply:
Four Brass nuts

Characteristics	References
Brass nuts for screws M8 to fix the upright to the enclosures	**NSYAMCSF**

Notched Clamp Nuts for Uprights



DZ5MF6

Supply:
100 units. References per unit.
To be ordered in multiples of 100 (100, 200, 300, etc).

- Specially designed for pre-drilled uprights.

Characteristics	Type	Weight (g)	References
Notched clamp nuts	M6	7.0	**DZ5MF6**
Notched clamp nuts	M8	8.0	**DZ5MF8**

6

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Mounting Accessories

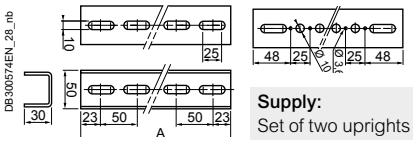
Uprights for Floor-Standing Enclosures

Standard Uprights

SM SFN SMX SFX

Telequick

- Vertical uprights for fixing plates and rails.
- They can be fixed on the mounting plate fixing brackets or on the upright fixing bracket, ref. **NSYMFB**
- Adjustable height with a pitch of 25 (0.98) or 50 (1.97) mm (in.)
- Material: Galvanized steel
- Thickness: 20 (0.79)/10[e] mm (in.)



Supply:
Set of two uprights


NSYVR18

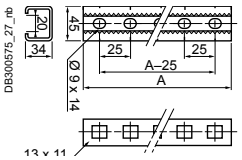
Characteristics	Height mm (in.)	A mm (in.)	References
Standard uprights	1800 (70.87)	1696 (66.77)	**NSYVR18**
Standard uprights	2000 (78.74)	1896 (74.65)	**NSYVR20**
Standard uprights	2200 (86.61)	2096 (82.52)	**NSYVR22**

Technical Uprights

SM SFN SMX SFX PLA SD

Telequick

- Vertical uprights for fixing plates and rails.
- They can be fixed to the fixing brackets of the mounting plate or to the uprightfixing bracket (ref. **NSYMFB**).
- Adjustable height in steps of 2.5 (0.10) mm (in.) (with quarter-turn nuts, ref. **NSYSNM6** or **NSYSNM8**) or 25 (0.98) mm (in.) (with cage nuts, ref. **NSYCNM6** or **NSYCNM8**).
- Material: Galvanized steel
- Thickness: 20 (0.79)/10[e] mm (in.)



Comment:
NSYTVR20 is not compatible with PLA or PHD 2000 (78.74) mm (in.) high enclosures. Use 2 x **NSYTVR10**.

Supply:
Set of two uprights


NSYTVR7

Characteristics	Height mm (in.)	A mm (in.)	References
Technical uprights	750 (29.53)	625 (24.61)	**NSYTVR7**
Technical uprights * Control desk	1000 (39.37)*	675 (26.57)	**NSYTVR8**
Technical uprights	1000 (39.37)	875 (34.45)	**NSYTVR10**
Technical uprights	1200 (47.24)	1075 (42.32)	**NSYTVR12**
Technical uprights	1250 (49.21)	1125 (44.29)	**NSYTVR125**
Technical uprights	1400 (55.12)	1275 (50.20)	**NSYTVR14**
Technical uprights	1500 (59.06)	1375 (54.13)	**NSYTVR15**
Technical uprights	1600 (62.99)	1475 (58.07)	**NSYTVR16**
Technical uprights	1800 (70.87)	1675 (65.94)	**NSYTVR18**
Technical uprights	2000 (78.74)	1875 (73.82)	**NSYTVR20**
Technical uprights	2200 (86.61)	2075 (81.69)	**NSYTVR22**

Screws for Uprights

SM SFN SMX SFX SD


AF1VA612

Characteristics	Supply (units)	References
M6 x 12 screw	100	**AF1VA612**
M6 x 18 screw	100	**AF1VA618**
M8 x 20 screw	100	**AF1VC820**

Bracket for Fixing Uprights

- Brackets for fixing the uprights, standard or technical, at the same level as the structure, obtaining a greater working surface inside the enclosure.
- They allow two pairs of uprights to be fixed back-to-back, doubling the working surface.
- The brackets are fixed to the structure by means of M6 self-tapping screws.
- Adjustable depth with a pitch of 25 (0.98) mm (in.).
- Material: Zinc-coated steel.

Supply:
Four brackets for fixing uprights and fixing elements.


NSYMFB

Characteristics	References
Bracket for fixing uprights	**NSYMFB**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

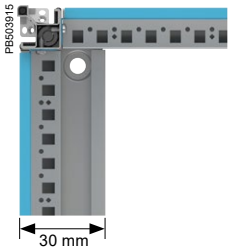
Mounting Accessories

Rails and Profiles for Floor-Standing Enclosures

SM SFN SFX

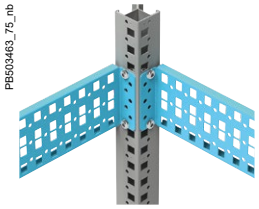
Telequick

It is possible to create a fixing at any point of the inner volume, providing mounting planes with different widths, heights and depths. In the case of the Panel**SeT** SM, it may be necessary to install vertical/horizontal adaptation profiles and 40 (1.57) mm (in.) universal cross-rails (one row).

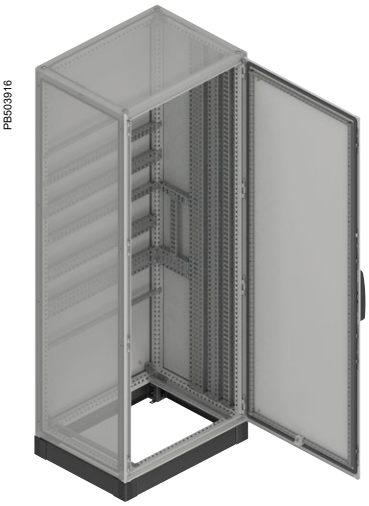


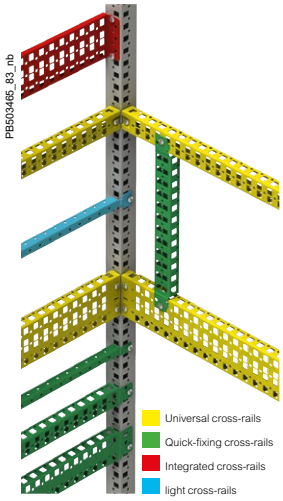
Four types of cross-rails are available to create fixing points:
- Universal cross-rails (see page 363)
- Quick-fixing cross-rails (see page 364)
- Integrated cross-rails (see page 365)
- Light cross-rails (see page 365)

Universal, quick-fixing and integrated cross-rails are available in 3 sizes:
- 40 (1.57) mm (in.) (1 row)
- 65 (2.56) mm (in.) (2 rows)
- 90 (3.54) mm (in.) (3 rows)

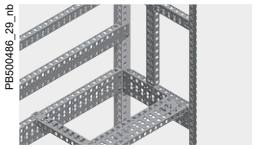


Cross-rails for specific applications are also available:
- Cross-rails for heavy loads (see page 366) to be fixed on the bottom part of the enclosure or to be combined with a "heavy load kit" (see page 366) to be used at any height in the enclosure

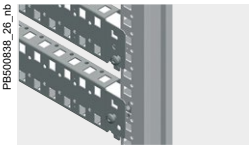




Combination Examples



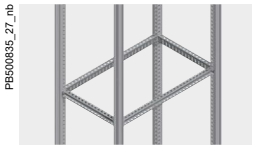
PanelSeT SFN and SFX:
The cross-rails can be fixed to the structure and among each other, offering multiple options.



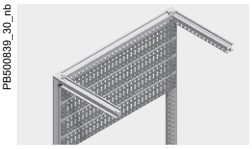
The quick-fixing cross-rails can be fixed directly to the structure, quickly and easily.
PanelSeT SFN and SFX*:
- They clip onto the structure and are fixed by M6 self-tapping screws, or optionally with M6 caged nuts.

PanelSeT SM:
- Option of clipping onto the adaptation profile or another cross-rail.
- Fixing by means of M6 self-tapping screws.
- Fixing by means of M6 caged nuts.

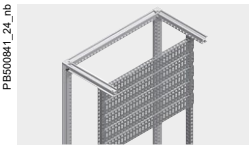
* In PanelSeT SFX enclosures, it cannot be mounted depthwise.



Universal cross-rails and integrated cross-rails can be simultaneously mounted at the same height, on all the sides of the enclosure.
To perform this type of installation in a PanelSeT SM enclosure, the vertical adaptation profile and the vertical 40 (1.57) mm (in.) universal cross-rail (one row) are required, mounted in the back of the enclosure.



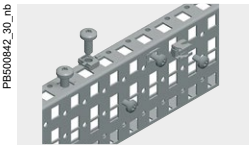
Quick-fixing cross-rails can be used to support equipments at the back of the enclosure or be fixed every 25 (0.98) mm (in.) on two cross-rails (universal or integrated) in vertical position.



40 (1.57) mm (in.) wide universal and integrated cross-rails can be used as uprights, adjustable every 25 (0.98) mm (in.) in depth. They enable the fixing of diverse equipment supports and are adjustable every 25 (0.98) mm (in.) in height.



PanelSeT SFN:
Universal cross-rails and integrated cross-rails can be mounted in vertical position.



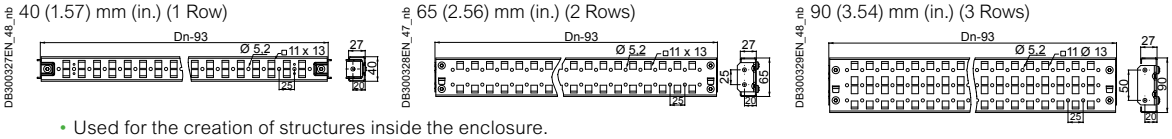
The main fixing point to the quick-fixing cross-rails is the 5.2 (0.20) mm (in.) drill hole for M6 self-tapping screw, although they can also receive M6 and M8 caged nuts.

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Universal Cross-Rails

SM | SFN | SMX | SFX | SFN PC

Telequick



- Used for the creation of structures inside the enclosure.
- Cross-rails available in three sizes: 40 (1.57) mm (in.) (one row), 65 (2.56) mm (in.) (two rows) and 90 (3.54) mm (in.) (three rows).
- Each row is perforated every 25 (0.98) mm (in.) with a 5.2 (0.20) mm (in.) diameter hole and a 11 (0.43) x 13 (0.51) mm (in.) cutout which enables fixing by means of M6 self-tapping screws, ref **NSYST30M6S**.
- Equipment is fixed by means of caged nuts or self-tapping screws.
- Material: Galvanized steel
- Thickness: 15 (0.59)/10[e] mm (in.)

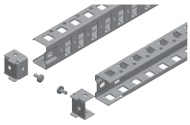
Fixing to the structure:
Fixing accordingly to uprights axis.
Option to mount cross-rails simultaneously on all sides, at the same height of the enclosure.

Fixing to the plinths:
They are fixed across the width and/or depth between the corners of the plinth.
The plinth cross-rail supports are required for its assembly.

Fixing to the trays:
Allow the installation of fixed trays and telescopic rails.

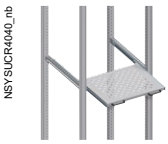
Comment:
(1) For vertical assembly only.
(2) Cross-rails only for fixing cables.
(3) These cross-rails have not been sized to be used in the width, depth or height of the enclosure, but to be mounted in other positions or in between cross-rails.

Supply:
Two cross-rails, four supports for cross-rails and fixing elements


NSYSUCR4030

Tray fixing


NSYSQCR4040_nb


NSYSUCR4040_nb

Plinth


NSYSUCR4030

Characteristics	Fixing possibility	Width of the cross-rails mm (in.)	H / W / D (Dn) of enclosure mm (in.)	Maximum load by rail kg (lbs.)	References
Universal cross-rails	Structure and plinths	40 (1.57) (1 row)	300 (11.81)	70	**NSYSUCR4030**
Universal cross-rails	Structure, plinths and tray	40 (1.57) (1 row)	400 (15.75)	60	**NSYSUCR4040**
Universal cross-rails	Structure, plinths and tray	40 (1.57) (1 row)	500 (19.69)	60	**NSYSUCR4050**
Universal cross-rails	Structure and tray	40 (1.57) (1 row)	600 (23.62)	50	**NSYSUCR4060**
Universal cross-rails	Structure and plinth	40 (1.57) (1 row)	700 (27.56) (3)	50	**NSYSUCR4070**
Universal cross-rails	Structure and tray	40 (1.57) (1 row)	800 (31.50)	40	**NSYSUCR4080**
Universal cross-rails	Structure and plinth	40 (1.57) (1 row)	900 (35.43) (3)	40	**NSYSUCR4090**
Universal cross-rails	Structure	40 (1.57) (1 row)	1000 (39.37)	30	**NSYSUCR40100**
Universal cross-rails	Structure and plinth	40 (1.57) (1 row)	1100 (43.31) (3)	30	**NSYSUCR40110**
Universal cross-rails	Structure	40 (1.57) (1 row)	1200 (47.24)	20	**NSYSUCR40120**
Universal cross-rails	Structure	40 (1.57) (1 row)	1400 (55.12)	(1)	**NSYSUCR40140**
Universal cross-rails	Structure	40 (1.57) (1 row)	1600 (62.99)	(1)	**NSYSUCR40160**
Universal cross-rails	Structure	40 (1.57) (1 row)	1800 (70.87)	(1)	**NSYSUCR40180**
Universal cross-rails	Structure	40 (1.57) (1 row)	2000 (78.74)	(1)	**NSYSUCR40200**
Universal cross-rails	Structure	40 (1.57) (1 row)	2200 (86.61)	(1)	**NSYSUCR40220**
Universal cross-rails	Structure	65 (2.56) (2 rows)	300 (11.81)	110	**NSYSUCR6530**
Universal cross-rails	Structure	65 (2.56) (2 rows)	400 (15.75)	100	**NSYSUCR6540**
Universal cross-rails	Structure	65 (2.56) (2 rows)	500 (19.69)	90	**NSYSUCR6550**
Universal cross-rails	Structure	65 (2.56) (2 rows)	600 (23.62)	80	**NSYSUCR6560**
Universal cross-rails	Structure	65 (2.56) (2 rows)	800 (31.50)	70	**NSYSUCR6580**
Universal cross-rails	Structure	65 (2.56) (2 rows)	1000 (39.37)	50	**NSYSUCR65100**
Universal cross-rails	Structure	65 (2.56) (2 rows)	1200 (47.24)	50	**NSYSUCR65120**
Universal cross-rails	Structure	65 (2.56) (2 rows)	1400 (55.12)	(1)	**NSYSUCR65140**
Universal cross-rails	Structure	65 (2.56) (2 rows)	1600 (62.99)	(1)	**NSYSUCR65160**
Universal cross-rails	Structure	65 (2.56) (2 rows)	1800 (70.87)	(1)	**NSYSUCR65180**
Universal cross-rails	Structure	65 (2.56) (2 rows)	2000 (78.74)	(1)	**NSYSUCR65200**
Universal cross-rails	Structure and plinth	90 (3.54) (3 rows)	300 (11.81)	130	**NSYSUCR9030**
Universal cross-rails	Structure and plinth	90 (3.54) (3 rows)	400 (15.75)	120	**NSYSUCR9040**
Universal cross-rails	Structure and plinth	90 (3.54) (3 rows)	500 (19.69)	120	**NSYSUCR9050**
Universal cross-rails	Structure	90 (3.54) (3 rows)	600 (23.62)	110	**NSYSUCR9060**
Universal cross-rails	Structure and plinth	90 (3.54) (3 rows)	700 (27.56) (3)	110	**NSYSUCR9070**
Universal cross-rails	Structure	90 (3.54) (3 rows)	800 (31.50)	100	**NSYSUCR9080**
Universal cross-rails	Structure	90 (3.54) (3 rows)	1000 (39.37)	70	**NSYSUCR90100**
Universal cross-rails	Structure	90 (3.54) (3 rows)	1200 (47.24)	70	**NSYSUCR90120**
Universal cross-rails	Structure	90 (3.54) (3 rows)	1400 (55.12)	(1)	**NSYSUCR90140**
Universal cross-rails	Structure	90 (3.54) (3 rows)	1600 (62.99)	(1)	**NSYSUCR90160**
Universal cross-rails	Structure	90 (3.54) (3 rows)	1800 (70.87)	(1)	**NSYSUCR90180**
Universal cross-rails	Structure	90 (3.54) (3 rows)	2000 (78.74)	(1)	**NSYSUCR90200**
Universal cross-rails	Structure	90 (3.54) (3 rows)	2200 (86.61)	(1)	**NSYSUCR90220**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Mounting Accessories

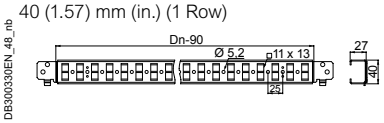
Rails and Profiles for Floor-Standing Enclosures

Quick-Fixing Cross-Rails

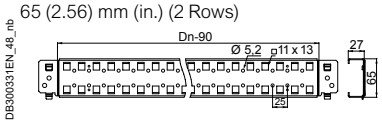
SM SFN SMX SFX

Telequick

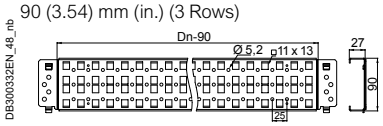
40 (1.57) mm (in.) (1 Row)



65 (2.56) mm (in.) (2 Rows)



90 (3.54) mm (in.) (3 Rows)



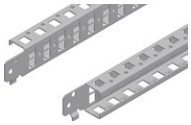
- Used for the creation of structures inside the enclosure.
- Cross-rails available in three sizes: 40 (1.57) mm (in.) (one row), 65 (2.56) mm (in.) (two rows) and 90 (3.54) mm (in.) (three rows).
- Each row is perforated every 25 (0.98) mm (in.) with a 5.2 (0.20) mm (in.) diameter hole and a 11 (0.43) x 13 (0.51) mm (in.) cutout which enables fixing by means of M6 self-tapping screws, ref **NSYST30M6S**.
- Equipment are fixed by means of caged nuts or self-tapping screws.
- Material: Galvanized steel
- Thickness: 15 (0.59)/10[e] mm (in.)

Fixing to the structure:
Fixing accordingly to uprights axis.
It is not possible to mount two cross-rails on one level with an upright.

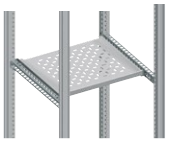
Fixing to the trays:
Allow the installation of fixed trays and telescopic rails.

Comment:
(1) For vertical assembly only.
(2) Cross-rails only for fixing cables.
(3) These cross-rails have not been sized to be used in the width, depth or height of the enclosure, but to be mounted in other positions or in between cross-rails.

Supply:
Two cross-rails and fixing elements


NSYSQCR4040

Tray fixing


NSYSQCR4040_nb


NSYSUCR4040_nb

Characteristics	Fixing possibility	Width of the cross-rails mm (in.)	H / W / D (Dn) of enclosure mm (in.)	Maximum load by rail kg (lbs.)	References
Quick-fixing cross-rails	Structure and tray	40 (1.57) (1 row)	400 (15.75)	60	**NSYSQCR4040**
Quick-fixing cross-rails	Structure and tray	40 (1.57) (1 row)	500 (19.69)	60	**NSYSQCR4050**
Quick-fixing cross-rails	Structure and tray	40 (1.57) (1 row)	600 (23.62)	50	**NSYSQCR4060**
Quick-fixing cross-rails	Structure and tray	40 (1.57) (1 row)	800 (31.50)	40	**NSYSQCR4080**
Quick-fixing cross-rails	Structure	40 (1.57) (1 row)	1000 (39.37)	30	**NSYSQCR40100**
Quick-fixing cross-rails	Structure	40 (1.57) (1 row)	1200 (47.24)	20	**NSYSQCR40120**
Quick-fixing cross-rails	Structure	65 (2.56) (2 rows)	400 (15.75)	100	**NSYSQCR6540**
Quick-fixing cross-rails	Structure	65 (2.56) (2 rows)	500 (19.69)	90	**NSYSQCR6550**
Quick-fixing cross-rails	Structure	65 (2.56) (2 rows)	600 (23.62)	80	**NSYSQCR6560**
Quick-fixing cross-rails	Structure	65 (2.56) (2 rows)	800 (31.50)	70	**NSYSQCR6580**
Quick-fixing cross-rails	Structure	65 (2.56) (2 rows)	1000 (39.37)	50	**NSYSQCR65100**
Quick-fixing cross-rails	Structure	65 (2.56) (2 rows)	1200 (47.24)	50	**NSYSQCR65120**
Quick-fixing cross-rails	Structure	90 (3.54) (3 rows)	400 (15.75)	120	**NSYSQCR9040**
Quick-fixing cross-rails	Structure	90 (3.54) (3 rows)	500 (19.69)	120	**NSYSQCR9050**
Quick-fixing cross-rails	Structure	90 (3.54) (3 rows)	600 (23.62)	110	**NSYSQCR9060**
Quick-fixing cross-rails	Structure	90 (3.54) (3 rows)	800 (31.50)	100	**NSYSQCR9080**
Quick-fixing cross-rails	Structure	90 (3.54) (3 rows)	1000 (39.37)	70	**NSYSQCR90100**
Quick-fixing cross-rails	Structure	90 (3.54) (3 rows)	1200 (47.24)	70	**NSYSQCR90120**
Set of 2 quick cross-rails	Structure	120 (4.72) (4 rows)	400 (15.75)	120	**NSYSQCR12040**
Set of 2 quick cross-rails	Structure	120 (4.72) (4 rows)	500 (19.69)	120	**NSYSQCR12050**
Set of 2 quick cross-rails	Structure	120 (4.72) (4 rows)	600 (23.62)	110	**NSYSQCR12060**
Set of 2 quick cross-rails	Structure	120 (4.72) (4 rows)	800 (31.50)	100	**NSYSQCR12080**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

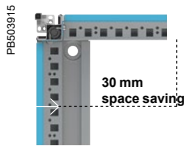
Mounting Accessories

Rails and Profiles for Floor-Standing Enclosures

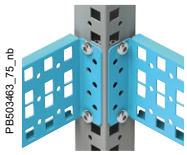
Integrated Cross-Rails

SM SFN

- Used for the creation of structures inside the enclosure.
- Cross-rails available in three sizes: 40 (1.57) mm (in.) (one row), 65 (2.56) mm (in.) (two rows) and 90 (3.54) mm (in.) (three rows).
- Each row is perforated every 25 (0.98) mm (in.) with a 5.2 (0.20) mm (in.) diameter hole and a 11 (0.43) x 13 (0.51) mm (in.) cutout which enables fixing by means of M6 self-tapping screws, ref **NSYST30M6S**.
- Equipment are fixed by means of caged nuts or self-tapping screws
- Material: Galvanized steel
- Thickness: 15 (0.59)/10[e] mm (in.)



30 mm space saving thanks to new fixation mode



Quick mounting, at same level, on all enclosure perimeter

Fixing to the structure:
Fixing is shifted by 30 mm (in.) relatively to uprights axis.
Option to mount cross-rails simultaneously on all sides, at the same height of the enclosure.

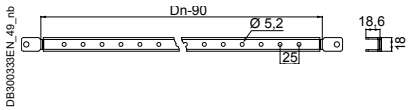
Supply:
Two cross-rails and fixing elements

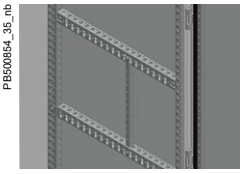

NSYSICR4040

Characteristics	Width of the cross-rails mm (in.)	H / W / D (Dn) of enclosure mm (in.)	Maximum load by rail kg (lbs.)	References
Integrated cross-rails	40 (1.57) (1 row)	400 (15.75)	60	**NSYSICR4040**
Integrated cross-rails	40 (1.57) (1 row)	500 (19.69)	60	**NSYSICR4050**
Integrated cross-rails	40 (1.57) (1 row)	600 (23.62)	50	**NSYSICR4060**
Integrated cross-rails	40 (1.57) (1 row)	800 (31.50)	40	**NSYSICR4080**
Integrated cross-rails	65 (2.56) (2 rows)	600 (23.62)	80	**NSYSICR6560**
Integrated cross-rails	65 (2.56) (2 rows)	800 (31.50)	70	**NSYSICR6580**
Integrated cross-rails	65 (2.56) (2 rows)	1000 (39.37)	50	**NSYSICR65100**
Integrated cross-rails	90 (3.54) (3 rows)	400 (15.75)	120	**NSYSICR9040**
Integrated cross-rails	90 (3.54) (3 rows)	600 (23.62)	110	**NSYSICR9060**
Integrated cross-rails	90 (3.54) (3 rows)	800 (31.50)	100	**NSYSICR9080**
Integrated cross-rails	90 (3.54) (3 rows)	1000 (39.37)	70	**NSYSICR90100**

Light Cross-Rails

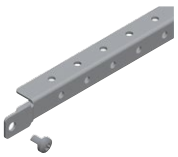
SM SFN SFX





- **PanelSeT SFN and SFX:** Direct fixing to the structure or between cross-rails.
- **PanelSeT SM:** Fixing by means of adaptation profiles and 40 (1.57) mm (in.) universal cross-rails (one row), or between cross-rails in any other position.
- Adjustable with a pitch of 25 (0.98) mm (in.).
- The light cross-rails are equipped with a row of drill holes with a diameter of 5.2 (0.20) mm (in.) and a pitch of 25 (0.98) mm (in.), which allows fixing with an M6 self-tapping screw, ref. **NSYST30M6S**.
- Material: Galvanized steel

Supply:
Two light cross-rails and fixing elements



Characteristics	Width/Depth mm (in.)	References
Light cross-rails	400 (15.75)	**NSYSLCR40**
Light cross-rails	500 (19.69)	**NSYSLCR50**
Light cross-rails	600 (23.62)	**NSYSLCR60**
Light cross-rails	800 (31.50)	**NSYSLCR80**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Mounting Accessories

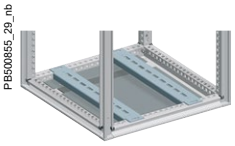
Rails and Profiles for Floor-Standing Enclosures

Rails for Heavy Loads

SFN SFN 6G

- Mounted with a cable gland plate (directly fixed on the bottom frame of the enclosure) or with a previously mounted mounting plate. Furthermore, they can be fixed anywhere in the enclosure with a heavy load kit.
- Laterally adjustable with a pitch of 25 (0.98) mm (in.).
- Elongated holes for adjusting the center-to-center distance of the switchgear.
- The nominal width of cross-rails must be 100 (3.94) mm (in.) shorter than the associated heavy load kit width.
- Thickness is 30 (1.18)/10[e] mm (in.).
- Material used is galvanized steel.

PB500855_29_nb



PB503536_68_nb

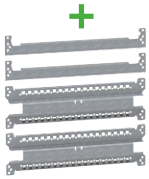


NSYHLCR40



+

NSYSHLT6040



Supply:
Two rails for heavy loads and fixing elements

Characteristics	Associated heavy load kit references	Maximum load kg (lbs.)	Nominal width mm (in.)	References
Rail for heavy loads	Not usable with heavy load kit	575 (1267.7)	400 (15.75)	**NSYHLCR40**
Rail for heavy loads	NSYSHLT6040 NSYSHLT6060 NSYSHLT6080	525 (1157.4)	500 (19.69)	**NSYHLCR50**
Rail for heavy loads	Not usable with heavy load kit	500 (1102.3)	600 (23.62)	**NSYHLCR60**
Rail for heavy loads	Not usable with heavy load kit	475 (1047.2)	800 (31.50)	**NSYHLCR80**

Heavy Load Supports

PB503918



Combination Examples

PB503533_42_nb



- Heavy Load Kit + Ventilated Shelf

PB503534_42_nb



- Heavy Load Kit + Partially Ventilated Shelf

PB503535_42_nb



- Heavy Load Kit + Plain Shelf For Battery

PB503536_68_nb



- Heavy Load Kit + Heavy Load Cross-Rails

6

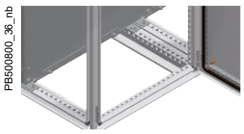
Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Mounting Accessories

Rails and Profiles for Floor-Standing Enclosures

Side Entry Rails for the Mounting Plate

SFN SFX



- Side entry device for the mounting plates when coupling PanelSeT SFN enclosures or SFX.
- The mounting plates can be coupled with one another, and are fixed to the side entry guide by pressure.
- Material: Zinc-coated steel

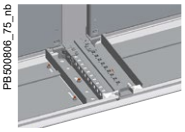
Supply:
Two rails (top and bottom) and fixing elements

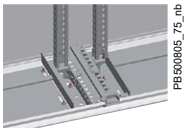

NSYSMPSE6

Characteristics	Width mm (in.)	References
Side entry rails for the mounting plate	600 (23.62)	**NSYSMPSE6**
Side entry rails for the mounting plate	800 (31.50)	**NSYSMPSE8**
Side entry rails for the mounting plate	1000 (39.37)	**NSYSMPSE10**
Side entry rails for the mounting plate	1200 (47.24)	**NSYSMPSE12**

Top/Bottom Adjustment Rails

SM





- Allows the installation of two mounting plates or vertical uprights in enclosures with a width of 1200 (47.24) mm (in.) and 1600 (62.99) mm (in.), as if in two independent enclosures.
- A set of mounting plate fixing brackets ref. **NSYSMPB** is required.
- Optional installation of an intermediate mounting plate.
- Material: Galvanized steel

Supply:
Two rails, top and bottom

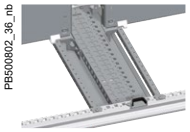

NSYSTBR3

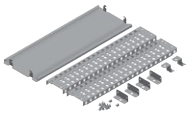
Characteristics	Depth mm (in.)	References
Top/bottom adjustment rails	300 (11.81)	**NSYSTBR3**
Top/bottom adjustment rails	400 (15.75)	**NSYSTBR4**
Top/bottom adjustment rails	500 (19.69)	**NSYSTBR5**
Top/bottom adjustment rails	600 (23.62)	**NSYSTBR6**

Kit for Adapting Two-Door Enclosures

SFN

- Allows the installation of two mounting plates as if in two independent enclosures.
- A set of brackets for fixing mounting plates ref. **NSYSMPB** is required.
- Option of installing an intermediate mounting plate.
- Valid for enclosures with widths of 1200 (47.24) and 1600 (62.99) mm (in.).
- If installing a cable gland plate for a width of 1200 (47.24) mm (in.), it is necessary to install two with a width of 600 (23.62) mm (in.), and for widths of 1600 (62.99) mm (in.), two with a width of 800 (31.50) mm (in.).




NSYSMP2D4

Characteristics	Depth mm (in.)	References
Kit for adapting two-door enclosures	400 (15.75)	**NSYSMP2D4**
Kit for adapting two-door enclosures	500 (19.69)	**NSYSMP2D5**
Kit for adapting two-door enclosures	600 (23.62)	**NSYSMP2D6**
Kit for adapting two-door enclosures	800 (31.50)	**NSYSMP2D8**

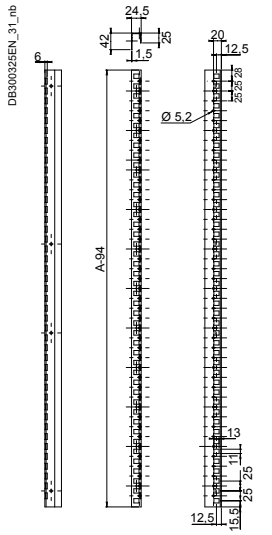
Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Mounting Accessories

Rails and Profiles for Floor-Standing Enclosures

Vertical Adaptation Profiles

SM



- The vertical adaptation profiles provide fixing points at the entrance to the enclosure.
- Fixing on the screws of the hinge and catches of the lock.
- Allows the depthwise fixing of cross-rails, etc.
- Thickness: 15 (0.59)/10[e] mm (in.)
- Material: Galvanized steel



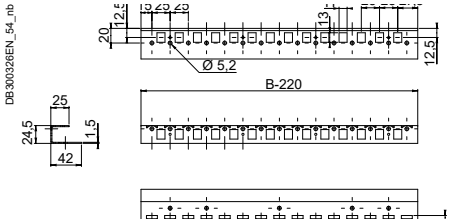
Supply:
Two vertical adaptation profiles and fixing screws


NSYSMVR12

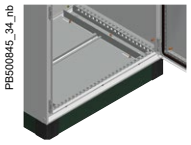
Characteristics	Height mm (in.)	References
Vertical adaptation profiles	1200 (47.24)	**NSYSMVR12**
Vertical adaptation profiles	1400 (55.12)	**NSYSMVR14**
Vertical adaptation profiles	1600 (62.99)	**NSYSMVR16**
Vertical adaptation profiles	1800 (70.87)	**NSYSMVR18**
Vertical adaptation profiles	2000 (78.74)	**NSYSMVR20**

Horizontal Adaptation Profiles

SM



- The horizontal adaptation profiles provide fixing points at the entrance to the enclosure.
- Thickness: 15 (0.59)/10[e] mm (in.)
- Material: Galvanized steel



Supply:
Two horizontal adaptation profiles and fixing screws


NSYSMHR6

Characteristics	Width mm (in.)	References
Horizontal adaptation profiles	600 (23.62)	**NSYSMHR6**
Horizontal adaptation profiles	800 (31.50)	**NSYSMHR8**
Horizontal adaptation profiles	1000 (39.37)	**NSYSMHR10**
Horizontal adaptation profiles	1200 (47.24)	**NSYSMHR12**
Horizontal adaptation profiles	1600 (62.99)	**NSYSMHR16**

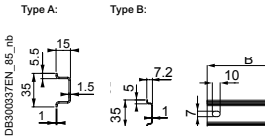
Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Symmetric Mounting Rail

CRN | S3D | SM | SFN | SMX | SFX | PLM | SD

Telequick

- 2 types: Type A: 35 (1.38) x 15 (0.59) mm (in.), Type B: 35 (1.38) x 7.5 (0.30) mm (in.)
- Material: Zinc-coated steel
- Standards: DIN 715
- Thickness: Type A: 15 (0.59)/10e mm (in.), Type B: 10 (0.39)/10e mm (in.)
- Fixing: Fixed to mounting plates or another fixing elements, uprights not included in the supply

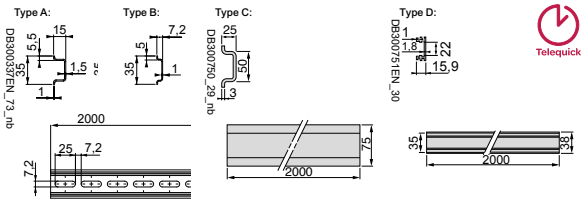


Supply:
10 rails and fixings for direct assembling to the structure. References by unit. Order by multiples of 10 units(10, 20, etc.)


NSYSDR30B

Characteristics	Type	Enclosure width mm (in.)	Rail length mm (in.)	References
Symmetric mounting rail	B	300 (11.81)	250	**NSYSDR30B**
Symmetric mounting rail	B	400 (15.75)	350	**NSYSDR40B**
Symmetric mounting rail	A	500 (19.69)	450	**NSYSDR50A**
Symmetric mounting rail	A	600 (23.62)	550	**NSYSDR60A**
Symmetric mounting rail	A	800 (31.50)	750	**NSYSDR80A**
Symmetric mounting rail	A	1000 (39.37)	950	**NSYSDR100A**

Symmetric Rails



Telequick

- Material: Galvanized steel, zinc-coated steel or aluminum
- Length: 2000 (78.74) mm (in.)

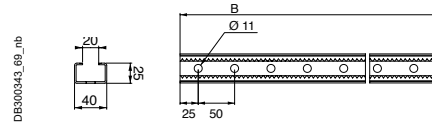

NSYSDR200D

Characteristics	Type	Order by Multiples	Perforations	References
Symmetric rail, Galvanized steel	A	10	Perforated	**NSYSDR200D**
Symmetric rail, Galvanized steel	B	10	Perforated	**NSYSDR200BD**
Symmetric rail, Galvanized steel	A	10	Not perforated	**NSYSDR200**
Symmetric rail, Galvanized steel	B	10	Not perforated	**NSYSDR200B**
Symmetric rail, Zinc-coated steel	C	6	Not perforated	**AM1DL201**
Symmetric rail, Aluminum	D	10	Not perforated	**AM1EA200**

Serrated C-Shaped Rail for Heavy Loads


AM1EC200

- Marked in steps of 25 (0.98) mm (in.) to facilitate switchgear positioning.
- Material: Zinc-coated steel
- Thickness: 20 (0.79)/10e mm (in.)

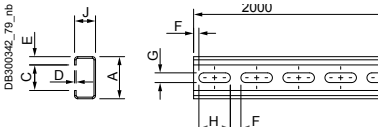


Supply:
Two rails with a length of 2 m

Characteristics	Rail length mm (in.)	References
Serrated C-shaped rail for heavy loads	2000 (78.74)	**AM1EC200**

Symmetric C-Shaped Rails

- Rails for supporting and fixing switchgear on panels and enclosures, formation of chassis, racks and panel reinforcements.
- Material: Galvanized steel
- Fixing: They are fixed to the structure and to one another by means of fixing elements



Supply:
References by unit. Order by multiples of 10 units (10, 20, etc.)


NSYCN20

Characteristics	Dimensions mm (in.) A	J	C	D	E	F	G	H	Rail length mm (in.)	References
Symmetric C-shaped rails 21 (0.83) x 11 (0.43) x 10 (0.39) mm (in.), not perforated	21 (0.83)	11 (0.43)	10 (0.39)	1.5 (0.06)	5.5 (0.22)	-	-	-	2000 (78.74)	**NSYCN20**
Symmetric C-shaped rails 21 (0.83) x 11 (0.43) x 10 (0.39) mm (in.), perforated	21 (0.83)	11 (0.43)	10 (0.39)	1.5 (0.06)	5.5 (0.22)	5 (0.20)	6.2 (0.24)	15 (0.59)	2000 (78.74)	**NSYCNT20**
Symmetric C-shaped rails 40 (1.58) x 20 (0.79) x 24 (0.94) mm (in.), not perforated	40 (1.57)	20 (0.79)	24 (0.94)	1.5 (0.06)	8 (0.31)	-	-	-	2000 (78.74)	**NSYCN40**
Symmetric C-shaped rails 40 (1.58) x 20 (0.79) x 24 (0.94) mm (in.), perforated	40 (1.57)	20 (0.79)	24 (0.94)	1.5 (0.06)	8 (0.31)	10 (0.39)	8.5 (0.33)	30 (1.18)	2000 (78.74)	**NSYCNT40**

Combiplas Nut for Symmetric C-Shaped Rails

SM | SFN | SFX | SD


NSYBN206

Characteristics	Rail type	Nuts type	Supply	References
Combiplas nut for symmetric C-shaped rails	C20	M4	100	**NSYBN204**
Combiplas nut for symmetric C-shaped rails	C20	M6	100	**NSYBN206**
Combiplas nut for symmetric C-shaped rails	C40	M4	50	**NSYBN404**
Combiplas nut for symmetric C-shaped rails	C40	M6	50	**NSYBN406**
Combiplas nut for symmetric C-shaped rails	C40	M8	50	**NSYBN408**
Combiplas nut for symmetric C-shaped rails	C60	M6	20	**NSYBN606**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Mounting Accessories

Rails for All Enclosure Types

Metal Sliding Nut for Symmetric C-Shaped Rails

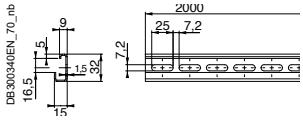
SM SFN SFX

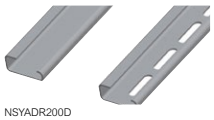

NSYB406

Characteristics	Rail type	Nuts type	Supply	References
Metal sliding nut for symmetric C-shaped rails	C40	M6	-	**NSYB406**

Asymmetric DIN Rails

Telequick




NSYADR200D

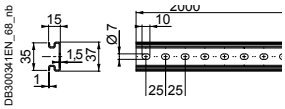
- Material: Galvanized steel
- Length: 2000 (78.74) mm (in.)

Supply:
10 rails with a length of 2 m.
References by unit. Order by multiples of 10 units (10, 20, etc.)

Characteristics	Perforations	References
Asymmetric DIN rail	Perforated	**NSYADR200D**
Asymmetric DIN rail	Not perforated	**NSYADR200**

Double-Profile DIN Rails

Telequick




NSYDPR200D

- Material: Galvanized steel
- Length: 2000 (78.74) mm (in.)

Supply:
10 rails with a length of 2 m.
References by unit. Order by multiples of 10 units (10, 20, etc.)
ref. **NSYDPR200T** multiples 20

Characteristics	Thickness mm (in.)	Perforations	Order by Multiples	References
Double-profile DIN rail	15 (0.59)/10[e]	Perforated	10	**NSYDPR200D**
Double-profile DIN rail	10 (0.39)/10[e]	Perforated	20	**NSYDPR200T**
Double-profile DIN rail	15 (0.59)/10[e]	Not perforated	10	**NSYDPR200**

6

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Screws for Rails

TBS TBP



NSYAMFSTB

- Ø 4 x 10 (0.39) mm (in.)

Supply:
Pack of 100 screws

Characteristics	References
Screws Ø4 (0.16) mm (in.), height 10 (0.39) mm (in.)	**NSYAMFSTB**

Plastic Nuts for Rail Fixing

PLM

They slide directly into the notches, with a pitch of 25 (0.98) mm (in.), which are located on the rear of the enclosures, except enclosure ref. **NSYPLM3025G/TG**. They allow direct fixing of symmetrical DIN rails by self-tapping screws. Option of raising the rails with an M6 spacer using a plastic nut containing an M6 nut.

Supply:
References by unit. Order by multiples of 20 units (20, 40, 60, etc.)



NSYTCSPLM

Characteristics	References
Plastic nut with self- tapping screw	**NSYTCSPLM**
Plastic nut containing an M6 metal nut	**NSYTCSM6PLM**

Nuts for Symmetric Rails

Telequick



PB500863_25_nb



AF1GC4

- Clip-on nut.

Supply:
100 nuts

Characteristics	Type	References
Nuts for symmetric rails	M4	**AF1GC4**
Nuts for symmetric rails	M5	**AF1GC5**
Nuts for symmetric rails	M6	**AF1GC6**

Nuts for Asymmetric DIN Rails, 2000 (78.74) mm (in.) Version

Telequick



PB500866_24_nb



DZ5ME5

- Quarter-turn sliding nut.

Supply:
100 nuts

Characteristics	Type	References
Nuts for asymmetric DIN rails, 2000 (78.74) mm (in.) version	M4	**DZ5ME5**
Nuts for asymmetric DIN rails, 2000 (78.74) mm (in.) version	M5	**DZ5ME8**
Nuts for asymmetric DIN rails, 2000 (78.74) mm (in.) version	M6	**DZ5ME9**

Nuts for Double-Profile DIN Rails

Telequick



PB500886_24_nb



AF1CF34

- Quarter-turn sliding nut.

Supply:
100 nuts

Characteristics	Type	References
Nuts for double-profile DIN rails	M3 + M4	**AF1CF34**
Nuts for double-profile DIN rails	M5 + M6	**AF1CF56**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Mounting Accessories

Accessories for Rails

Connectors for Symmetric C-Shaped Rails

- The connectors enable the formation of chassis or frames and structures for fixing switchgear, in any position inside the enclosures, allowing the fixing of DIN rails or other elements.
- See symmetric C-shaped rails.

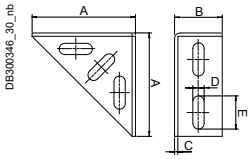
EVA Connectors

CRN S3D



NSYEVA20

- To join two symmetric C-shaped rails, C20 and C40 types, forming an overlapping assembly with plane change, or also at right angles for the formation of spacers or supports at a different level.
- Material: Zinc-coated steel



Supply:
20 units. References by unit. Order by multiples of 20 units (20, 40, 60, etc.)

Characteristics	Dimensions mm (in.)					References
	A	B	C	D	E	
EVA connectors	43 (1.69)	19 (0.75)	2 (0.08)	6.2 (0.24)	15 (0.59)	**NSYEVA20**

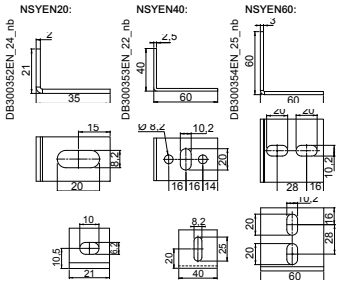
EN Connectors

CRN S3D



NSYEN20

- To create L-shaped assemblies with plane change in the symmetric C-shaped rails, between them or with any other section.
- Material: Zinc-coated steel



Supply:
20 units. References by unit. Order by multiples of 20 units (20, 40, 60, etc.)

Characteristics	References
EN connectors	**NSYEN20**
EN connectors	**NSYEN40**

Examples



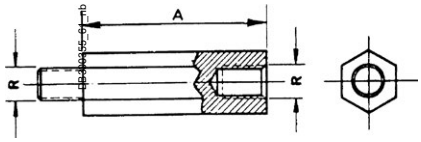
Combinations with connectors for symmetric C-shaped rails

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Connectors for Symmetric C-Shaped Rails

Hexagonal Spacers

CRN S3D S3CM SFN IT



- Hexagonal spacers for raising switchgear, mounting plates, etc. They can be linked to achieve variable heights with gradual elevation.
- Their assembly requires M6 or M8 caged nuts.
- Material: Zinc-coated steel
- Installation: If used to raise a mounting plate, the maximum load of the mounting plate is decreased

Supply:
100 hexagonal connectors.
References by unit.
Order by multiples of 100 units (100, 200, 300, etc.)


NSYE1025

Characteristics	Thread type	Spacer height mm (in.)	References
Hexagonal spacers	M5	10 (0.39)	**NSYE1025**
Hexagonal spacers	M5	15 (0.59)	**NSYE1525**
Hexagonal spacers	M5	20 (0.79)	**NSYE2025**
Hexagonal spacers	M6	10 (0.39)	**NSYEX106**
Hexagonal spacers	M6	14 (0.55)	**NSYEX146**
Hexagonal spacers	M6	16 (0.63)	**NSYEX166**
Hexagonal spacers	M6	20 (0.79)	**NSYEX206**
Hexagonal spacers	M6	30 (1.18)	**NSYEX306**
Hexagonal spacers	M6	40 (1.57)	**NSYEX406**
Hexagonal spacers	M6	50 (1.97)	**NSYEX506**
Hexagonal spacers	M6	100 (3.94)	**NSYEX1006**
Hexagonal spacers	M8	15 (0.59)	**NSYEX158**
Hexagonal spacers	M8	20 (0.79)	**NSYEX208**
Hexagonal spacers	M8	30 (1.18)	**NSYEX308**
Hexagonal spacers	M8	40 (1.57)	**NSYEX408**
Hexagonal spacers	M8	50 (1.97)	**NSYEX508**
Hexagonal spacers	M8	60 (2.36)	**NSYEX608**
Hexagonal spacers	M8	100 (3.94)	**NSYEX1008**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Mounting Accessories

Modular Chassis

DLM Modular Chassis

CRN | S3D | S3X | S3DM

- The chassis consists of metal cut-out front panels, which can be clipped on without screws.
- The depth of the chassis can be adjusted from 40 (1.57) to 85 (3.35) mm (in.), between the rail and the front panel, allowing the installation of all types of devices.
- Material: Rigid galvanized steel structure
- Finish: Structured finish, epoxy polyester powder

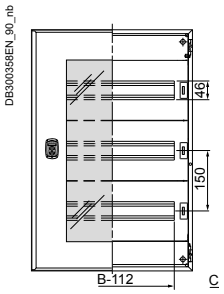
Note:
1 module = 2 steps = 18 (0.71) mm (in.)



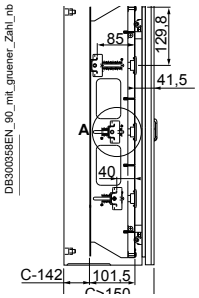
NSYDLM24

Characteristics	Number of modules	Height mm (in.)	Width mm (in.)(B)	References
DLM modular chassis	24	400 (15.75)	300 (11.81)	**NSYDLM24**
DLM modular chassis	48	500 (19.69)	400 (15.75)	**NSYDLM48**
DLM modular chassis	48	600 (23.62)	400 (15.75)	**NSYDLM48P**
DLM modular chassis	84	600 (23.62)	600 (23.62)	**NSYDLM84P**
DLM modular chassis	66	700 (27.56)	500 (19.69)	**NSYDLM66** *
DLM modular chassis	88	700 (27.56)	500 (19.69)	**NSYDLM88**
DLM modular chassis	84	800 (31.50)	600 (23.62)	**NSYDLM84** *
DLM modular chassis	112	800 (31.50)	600 (23.62)	**NSYDLM112**
DLM modular chassis	168	1000 (39.37)	600 (23.62)	**NSYDLM168**
DLM modular chassis	234	1000 (39.37)	800 (31.50)	**NSYDLM240**

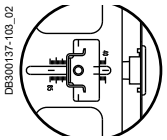
* Chassis with a plain front plate includes a partial mounting plate.



Front Panel Cut-Out

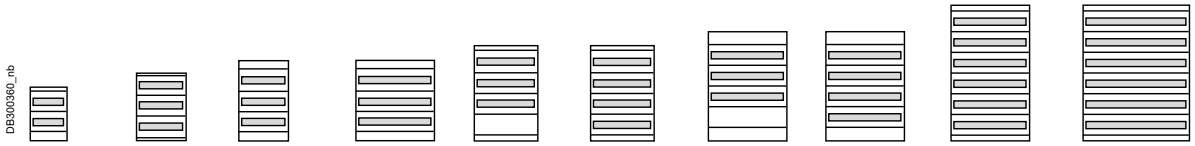


B: Enclosure width
C: Enclosure depth



Detail A
Rail Adjustment: 45 (1.77) mm (in.)

Number of Modules per Chassis (Every 18 (0.71) mm (in.))



Chassis reference	NSYDLM24	NSYDLM48	NSYDLM48P	NSYDLM84P	NSYDLM66*	NSYDLM88	NSYDLM84*	NSYDLM112	NSYDLM168	NSYDLM240
Enclosure height mm (in.)	400 (15.75)	500 (19.69)	600 (23.62)	600 (23.62)	700 (27.56)	700 (27.56)	800 (31.50)	800 (31.50)	1000 (39.37)	1000 (39.37)
Enclosure width mm (in.)	300 (11.81)	400 (15.75)	400 (15.75)	600 (23.62)	500 (19.69)	500 (19.69)	600 (23.62)	600 (23.62)	600 (23.62)	800 (31.50)
Number of rows	2	3	3	3	3	4	3	4	6	6
Modules per row	12	16	16	28	22	22	28	28	28	39
Total n. of modules	24	48	48	84	66	88	84	112	168	234

Note:
References **NSYDLM48**, **NSYDLM48P** and **NSYDLM84P**: the central row cannot receive modules at the height of the lock (check our technical instructions) when installed at the front of the enclosure. In this case, 1 module is sealed up. DLM modular chassis. The dimensions provided include the modular chassis which is the most commonly used accessory with this enclosure.

* Chassis with a plain front plate includes a partial mounting plate.

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

DLA Modular Chassis for Distribution

S3D S3X PLM

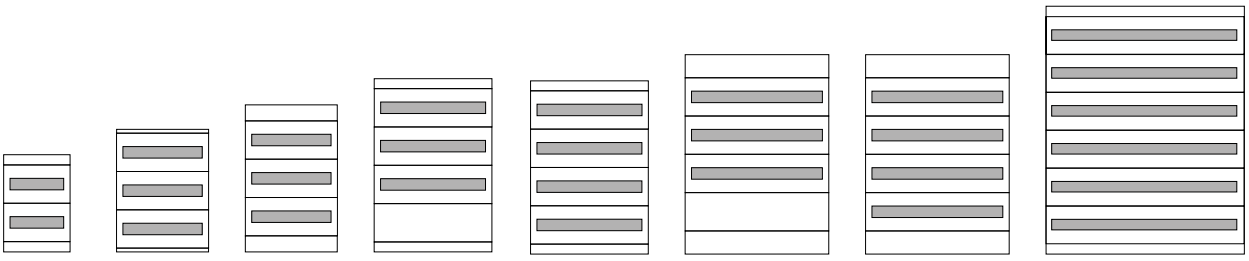

PB502875_60_nb

NSYDLA24G

- Front panels and covers installed in the front part, not depth adjustable
- Rigid structure for the installation of modular devices
- Open front panels with 35 (1.38) mm (in.) DIN rail and plain front panels with mounted plate, according to the model
- Front plates are quickly installed with no fixings
- Rail depth adjustable from 40 (1.57) to 85 (3.35) mm (in.)
- System for standard circuit marking
- Incompatible with the internal doors and the step slides
- Neutral/earth strip: 2 x 16 mm² + 5 x 6 mm²
- Material:
  - Front panels and finish covers: Polystyrene
  - Rigid structure: Galvanized steel
- Color: Front panels and finish covers: RAL 7035 gray

Characteristics	No. of rows	No. of 18 (0.71) mm (in.) modules per row	No. of 18 (0.71) mm (in.) modules	No. of plates	PLM enclosure References		S3D enclosure (depth ≥ 200 (7.87) mm (in.)) Height mm (in.)	S3D enclosure (depth ≥ 200 (7.87) mm (in.)) Width mm (in.)	References
DLA modular chassis	2	12	24	-	NSYPLM43G	NSYPLM43TG	400 (15.75)	300 (11.81)	**NSYDLA24G**
DLA modular chassis	3	16	48	-	NSYPLM54G	NSYPLM54TG	500 (19.69)	400 (15.75)	**NSYDLA48G**
DLA modular chassis	3	16	48	-	NSYPLM64G	NSYPLM64TG	600 (23.62)	400 (15.75)	**NSYDLA48PG**
DLA modular chassis	3	22	66	1	NSYPLM75G	NSYPLM75TG	700 (27.56)	500 (19.69)	**NSYDLA66G** *
DLA modular chassis	4	22	88	-	NSYPLM75G	NSYPLM75TG	700 (27.56)	500 (19.69)	**NSYDLA88G**
DLA modular chassis	3	28	84	1	NSYPLM86G	NSYPLM86TG	800 (31.50)	600 (23.62)	**NSYDLA84G** *
DLA modular chassis	4	28	112	-	NSYPLM86G	NSYPLM86TG	800 (31.50)	600 (23.62)	**NSYDLA112G**
DLA modular chassis	6	39	234	-	NSYPLM108G	NSYPLM108TG	1000 (39.37)	800 (31.50)	**NSYDLA234G**

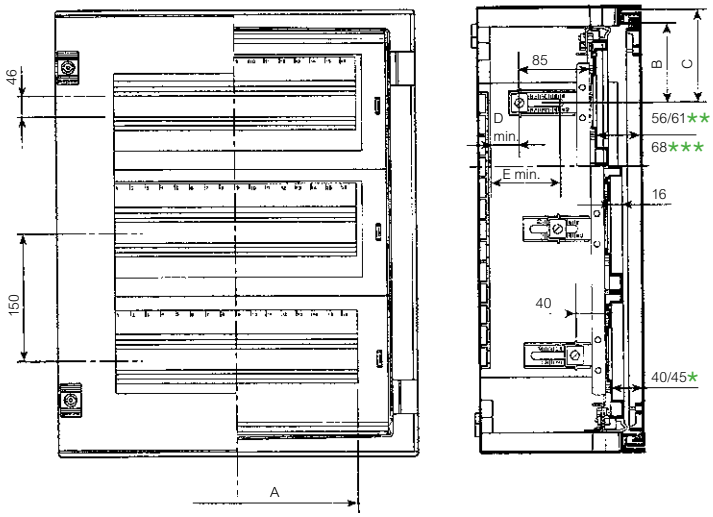
DB300620_SE



NSYDLA24G **NSYDLA48G** **NSYDLA48PG** **NSYDLA66G** **NSYDLA88G** **NSYDLA84G** **NSYDLA112G** **NSYDLA234G**

* Chassis with a plain front plate includes a partial mounting plate.

DB300621_72_nb



★★ Models **NSYDLA48PG**, **66G**, **88G**, **84G** and **112G**.
★★★ Models **NSYDLA234G**.

Plain Front Panels for DLA Modular Chassis

S3D S3X PLM

- Front panel for non-modular device protection on one row.
- To be ordered in multiples of two.
- Material: Polystyrene
- Color: RAL 7035 gray


NSYCTL300DLAG

Characteristics	Width mm (in.)	For installing on the chassis	References
Plain front panels for DLA modular chassis	456 (17.95)	NSYDLA66G and NSYDLA88G	**NSYCTL500DLAG**
Plain front panels for DLA modular chassis	555 (21.85)	NSYDLA84G and NSYDLA112G	**NSYCTL600DLAG**
Plain front panels for DLA modular chassis	755 (29.72)	NSYDLA234G	**NSYCTL800DLAG**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Mounting Accessories

Modular Chassis

Modular Distribution Chassis

S3D S3X PLM

- For mounted modular devices on two rows of nine 18-mm (in.) modules.
- Material:
  Chassis: Metal Protective
  Plate: Insulated material



NSYDLPLM18G

Characteristics	For enclosure	Reference
Modular distribution chassis	NSYPLM3025G/TG	**NSYDLPLM18G**

PLA PHD

- Chassis for modular switchgear, installed directly in the sealed enclosures (PLA version).
  For installation in enclosures with open bottom part (PLAZ version)
  it is necessary to use a set of adapter plates (ref. **NSYPTZ●●●**).
- Chassis made up of cover plates on a rigid structure.
- Quick installation without fixings.
- Distance between rail and front panel with adjustable depth from 40 (1.57) to 85 (3.35) mm (in.).
- System for identifying electrical circuits supplied.
- Neutral/earth strip: 2 x 16 mm² + 5 x 6 mm² included in the standard offer.
- Incompatibility with: Cable entry plate, internal door, door switch and door retainer (ref. **NSYRETPLAU**).
- Material: Rigid structure: Galvanized steel, Cover plates: Self-extinguishing insulated
- Color: Cover plates: RAL 7035 gray

Note:
For dimensions see page 377
Other modular distribution accessories on page 382



PB502917_22_nb

Dimensions mm (in.) Height (A)	Width (B)	No. of doors	No. of rows	Rows for module	No. of modules 18 (0.71) mm (in.)	No. of plates	References
750 (29.53)	500 (19.69)	1	4	4	76	-	**NSYDLP76G**
750 (29.53)	500 (19.69)	1	4	3	57	1	**NSYDLP57G** *
750 (29.53)	750 (29.53)	1	4	4	132	-	**NSYDLP132G**
750 (29.53)	750 (29.53)	1	4	3	99	1	**NSYDLP99G** *
750 (29.53)	1000 (39.37)	2	4 + 4	4 + 4	152	-	2 x **NSYDLP76G**
750 (29.53)	1000 (39.37)	2	4 + 4	3 + 3	114	1 + 1	2 x **NSYDLP57G** *
750 (29.53)	1250 (49.21)	2	4 + 4	4 + 4	208	-	**NSYDLP76G** + **NSYDLP132G**
750 (29.53)	1250 (49.21)	2	4 + 4	3 + 3	156	1 + 1	**NSYDLP57G** * + **NSYDLP99G** *
1000 (39.37)	500 (19.69)	1	6	6	114	-	**NSYDLP114G**
1000 (39.37)	500 (19.69)	1	6	5	95	1	**NSYDLP95G** *
1000 (39.37)	750 (29.53)	1	6	6	198	-	**NSYDLP198G**
1000 (39.37)	750 (29.53)	1	6	5	165	1	**NSYDLP165G** *
1000 (39.37)	1000 (39.37)	2	6 + 6	6 + 6	228	-	2 x **NSYDLP114G**
1000 (39.37)	1000 (39.37)	2	6 + 6	5 + 5	190	1 + 1	2 x **NSYDLP95G** *
1000 (39.37)	1250 (49.21)	2	6 + 6	6 + 6	312	-	**NSYDLP114G** + **NSYDLP198G**
1000 (39.37)	1250 (49.21)	2	6 + 6	5 + 5	260	1 + 1	**NSYDLP95G** * + **NSYDLP165G** *
1250 (49.21)	500 (19.69)	1	7	7	133	-	**NSYDLP133G**
1250 (49.21)	500 (19.69)	1	7	6	114	1	**NSYDLP114PG** *
1250 (49.21)	750 (29.53)	1	7	7	231	-	**NSYDLP231G**
1250 (49.21)	750 (29.53)	1	7	6	198	1	**NSYDLP198PG** *
1250 (49.21)	1000 (39.37)	2	7 + 7	7 + 7	266	-	2 x **NSYDLP133G**
1250 (49.21)	1000 (39.37)	2	7 + 7	6 + 6	228	1 + 1	2 x **NSYDLP114PG** *
1250 (49.21)	1250 (49.21)	2	7 + 7	7 + 7	364	-	**NSYDLP133G** + **NSYDLP231G**
1250 (49.21)	1250 (49.21)	2	7 + 7	6 + 6	312	1 + 1	**NSYDLP114PG** * + **NSYDLP198PG** *
1500 (59.06)	500 (19.69)	1	9	9	171	-	**NSYDLP171G**
1500 (59.06)	500 (19.69)	1	9	8	152	1	**NSYDLP152G** *
1500 (59.06)	750 (29.53)	1	9	9	297	-	**NSYDLP297G**
1500 (59.06)	750 (29.53)	1	9	8	264	1	**NSYDLP264G** *
1500 (59.06)	1000 (39.37)	2	9 + 9	9 + 9	342	-	2 x **NSYDLP171G**
1500 (59.06)	1000 (39.37)	2	9 + 9	8 + 8	304	-	2 x **NSYDLP152G** *
1500 (59.06)	1250 (49.21)	2	9 + 9	9 + 9	468	1 + 1	**NSYDLP171G** + **NSYDLP297G**
1500 (59.06)	1250 (49.21)	2	9 + 9	8 + 8	416	1 + 1	**NSYDLP152G** * + **NSYDLP264G** *

* Chassis with a plain front plate includes a partial mounting plate.

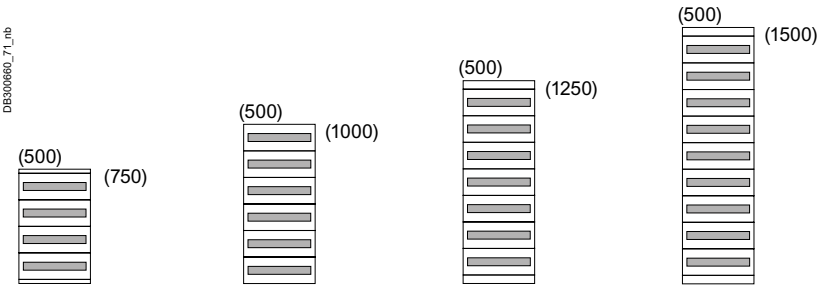
Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Modular Distribution Chassis

PB502918_55_NB

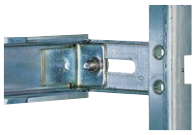


DB300660_71_nb

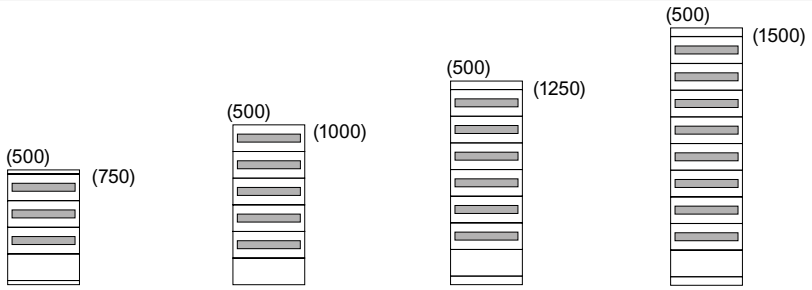


NSYDLP76G **NSYDLP114G** **NSYDLP133G** **NSYDLP171G**

PB501388_41_nb



Details of the Depth Adjustment

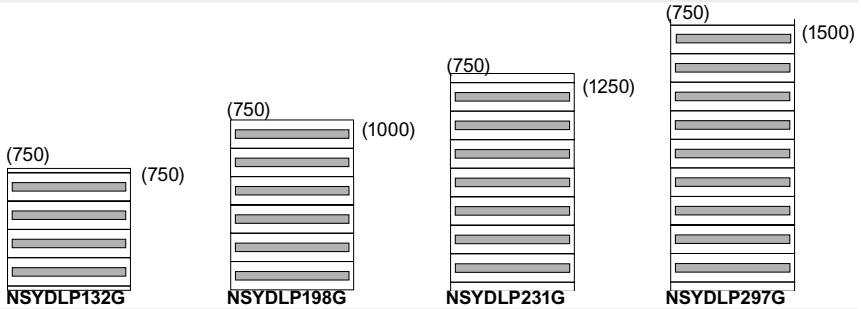


NSYDLP57G **NSYDLP95G** **NSYDLP114PG** **NSYDLP152G**

PB502919_37_nb



Detail from Front Panel Mounting

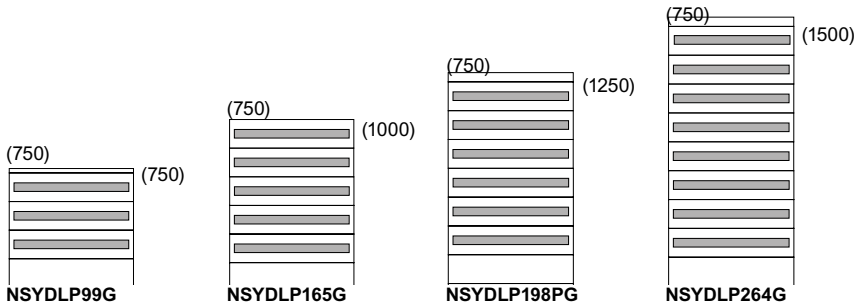


NSYDLP132G **NSYDLP198G** **NSYDLP231G** **NSYDLP297G**

PB502920_32_nb

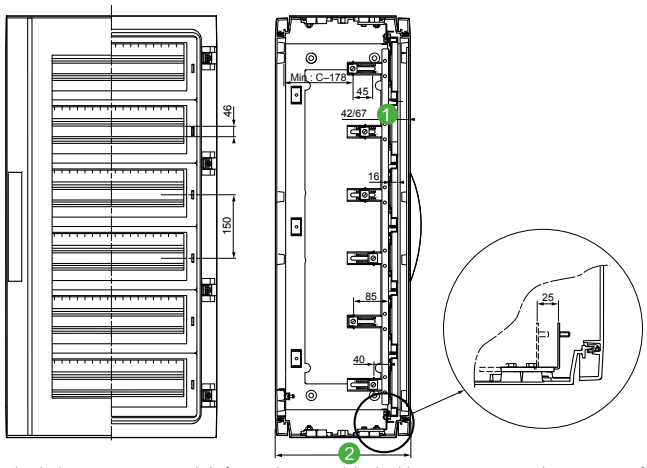


Detail from the Circuit Marking System



NSYDLP99G **NSYDLP165G** **NSYDLP198PG** **NSYDLP264G**

DB300661_nb



1 Dimensions of 42 (1.65) or 67 (2.64) mm (in.) or a pitch of 25 (0.98) mm (in.), according to the M8 boss chosen for the installation. See details in the enlarged image on the right. In enclosures with glazed doors, the two dimensions are reduced by 5 (0.20) mm (in.).

2 C = Depth of the enclosure.

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Mounting Accessories

Modular Chassis

DL Modular Chassis

CRN S3D S3X S3DM

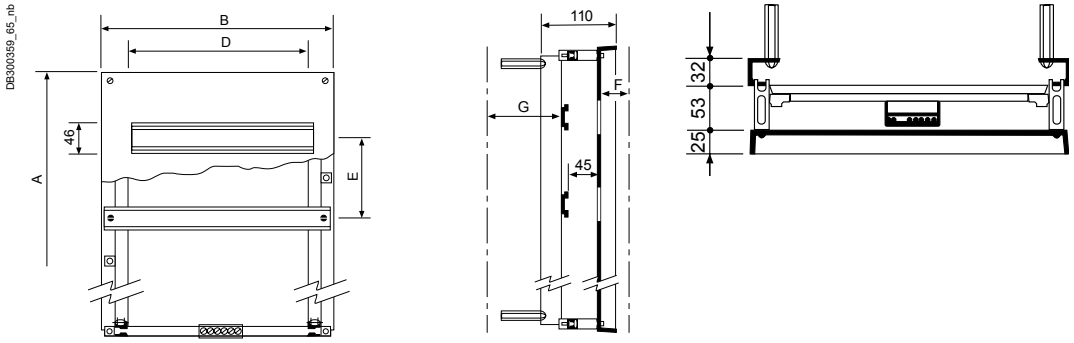
- Modular chassis designed for devices with heights of 53 (2.09) and 68 (2.68) mm (in.), which can be coupled directly to the enclosure plate-support screws.
- Distance between device rail and protective cover plate: 45 (1.77) mm (in.).
- One-piece modular chassis
- The depth of the chassis can't be adjustable
- Material: Steel
- Finish: Metal protective cover plate
- Color: RAL 7035 gray

Note:
For PanelSeT S3D please consult us
Depth 150 (5.91) mm (in.): For coupling to enclosures with a depth of 200 (7.87) mm (in.), the stand-offs (ref. **NSYEX608**) are to be ordered separately (4 per chassis).



Characteristics	Height mm (in.)	Width mm (in.)	Depth mm (in.)	References
DL modular chassis	300 (11.81)	250 (9.84)	150 (5.91)	**NSYDLCR18**
DL modular chassis	400 (15.75)	300 (11.81)	150 (5.91)	**NSYDLCR24**
DL modular chassis	400 (15.75)	300 (11.81)	150 (5.91)	**NSYDLCR36**
DL modular chassis	500 (19.69)	400 (15.75)	150 (5.91)	**NSYDLCR48**
DL modular chassis	600 (23.62)	400 (15.75)	150 (5.91)/200 (7.87)	**NSYDLCR64**
DL modular chassis	600 (23.62)	500 (19.69)	150 (5.91)/200 (7.87)	**NSYDLCR88**
DL modular chassis	700 (27.56)	500 (19.69)	200 (7.87)	**NSYDLCR110**
DL modular chassis	800 (31.50)	600 (23.62)	200 (7.87)	**NSYDLCR135**

* Chassis with a plain front plate includes a partial mounting plate



Dimension F: Distance from the protective cover plate to the inside of the door.
Dimension G: Distance from the device-support rail to the rear of the enclosure.

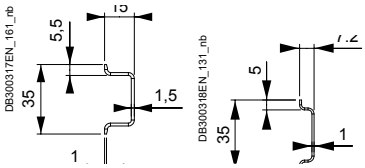
For coupling to the enclosures with normal or transparent door	Dimensions mm (in.)						Number of 18 (0.71) mm (in.) modules	Number of rows	Approx. weight kg (lbs.)
References	A	B	D	E	F	G			
NSYDLCR18	255 (10.04)	205 (8.07)	162 (6.38)	120 (4.72)	41 (1.61)	51 (2.01)	18	2	1.2
NSYDLCR24	355 (13.98)	255 (10.04)	216 (8.50)	160 (6.30)	41 (1.61)	51 (2.01)	24	2	1.7
NSYDLCR36	355 (13.98)	255 (10.04)	216 (8.50)	110 (4.33)	41 (1.61)	51 (2.01)	36	3	1.7
NSYDLCR48	455 (17.91)	355 (13.98)	288 (11.34)	130 (5.12)	41 (1.61)	51 (2.01)	48	3	2.4
NSYDLCR64	555 (21.85)	355 (13.98)	288 (11.34)	130 (5.12)	41 (1.61)	51 (2.01)/101 (3.98)	64	4	3.3
NSYDLCR88	555 (21.85)	455 (17.91)	396 (15.59)	130 (5.12)	41 (1.61)	51 (2.01)/101 (3.98)	88	4	4.5
NSYDLCR110	655 (25.79)	455 (17.91)	396 (15.59)	125 (4.92)	41 (1.61)	101 (3.98)	110	5	5.1
NSYDLCR135	755 (29.72)	555 (21.85)	486 (19.13)	140 (5.51)	41 (1.61)	101 (3.98)	135	5	7.5

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

DIN rail chassis

CRN S3D S3X PLM S3DEX

- Components supplied with a DIN rail chassis:
  - Aluminum uprights.
  - DIN rails (symmetric section A or B, according to the reference).
  - Screws, washers and nuts need to mount the DIN rails to the uprights.
  - Set of four adapters, ref. **NSYAMCSF**, needed to fix the uprights to the enclosure. They are coupled directly to the rear of the actual enclosure or to the sliding plate supports.
  - Double-door enclosures offer the option of installing two plates.
- Material: Aluminum - Zinc-coated steel
- Supply: One DIN rail chassis



Type A Type B



Characteristics	Height mm (in.)	Width mm (in.)	Type of rails	No. of rails	References
DIN rail chassis	300 (11.81)	300 (11.81)	B	4	**NSYMD33**
DIN rail chassis	400 (15.75)	300 (11.81)	B	4	**NSYMD43**
DIN rail chassis	500 (19.69)	400 (15.75)	B	4	**NSYMD54**
DIN rail chassis	600 (23.62)	400 (15.75)	B	6	**NSYMD64**
DIN rail chassis	600 (23.62)	600 (23.62)	A	6	**NSYMD66**
DIN rail chassis	700 (27.56)	500 (19.69)	B	6	**NSYMD75**
DIN rail chassis	800 (31.50)	600 (23.62)	A	6	**NSYMD86**
DIN rail chassis	800 (31.50)	600 (23.62)	A	6	2 x **NSYMD86**
DIN rail chassis	1000 (39.37)	800 (31.50)	A	6	**NSYMD108**
DIN rail chassis	1200 (47.24)	750 (29.53)	A	7	**NSYMD128**

Blanking Plate

CRN S3D S3X S3DM



- Blanking plate for full or partial covering of the circuit-breaker windows; it can easily be cut to the required size.
- Material: PVC (polyvinyl chloride)

Note:
For enclosures with transparent door, the F dimension is reduced by 4 (0.16) mm (in.)

Characteristics	Number of modules	Color	Length mm (in.)	References
Blanking plate	4	RAL 7035 gray	72 (2.83)	**NSYATP72M**
Blanking plate	24	RAL 7035 gray	432 (17.01)	**NSYATP24DTM**
Blanking plate	61	RAL 7035 gray	1100 (43.31)	**NSYATPUND**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Mounting Accessories

19" Racks

19" Fixed Chassis for Wall-Mounted Enclosure

CRN S3D S3X S3D IT

- 19" fixed chassis comprising 2 19" uprights with fixing.
- Adjustable in depth by fixing on the step slides available as accessory.
- Material: Galvanized steel
- Thickness: 20 (0.79)/10[e] mm (in.)
- Maximum load: 3 (6.6) kg (lbs.) per unit


NSYVDM8UF

Characteristics	Enclosure dimensions mm (in.)		Unit number	References
	Height	Width		
19" fixed chassis	400 (15.75)	600 (23.62)	8	**NSYVDM8UF**
19" fixed chassis	600 (23.62)	600 (23.62)	12	**NSYVDM12UF**
19" fixed chassis	800 (31.50)	600 (23.62)	17	**NSYVDM17UF**
19" fixed chassis	1000 (39.37)	600 (23.62)	21	**NSYVDM21UF**

19" Swing Chassis for Wall-Mounted Enclosure

CRN S3D S3X S3D IT

- 19" swing chassis opening to 120° with locking system by 3 (0.12) mm (in.) double-bar insert.
- Material: Steel
- Finish: Structured finish, epoxy polyester powder
- Color: RAL 7035 gray
- Maximum load: 3 (6.6) kg (lbs.) per unit


NSYVDM11UP

Characteristics	Enclosure dimensions		Unit number	References
	Height	Width		
19" swing chassis	600 (23.62)	600 (23.62)	11	**NSYVDM11UP**
19" swing chassis	800 (31.50)	600 (23.62)	16	**NSYVDM16UP**
19" swing chassis	1000 (39.37)	600 (23.62)	20	**NSYVDM20UP**
19" swing chassis	1000 (39.37)	800 (31.50)	20	**NSYVDM20U8P**
19" swing chassis	1200 (47.24)	800 (31.50)	25	**NSYVDM25U8P**

Fixings for 19" Rack

SM SFN SFN IT

- They allow 19" accessories to be mounted.
- Caged nut compatible with 8.5 (0.33) x 8.5 (0.33) mm (in.) and 9.5 (0.37) x 9.5 (0.37) mm (in.) holes.


PB500169_28_nb


NSYGFR95M63

Characteristics	Set of	References
M6 screws + washers + nuts 8.5 (0.33) mm (in.)	30	**NSYGFR95M63**
M6 x 16 screws and washers	50	**NSYGFR166P**
M6 caged nuts 9.5 (0.37) mm (in.)	100	**NSYCN9M625**
M6 screws + washers + nuts 9.5 (0.37) mm (in.)	50	**NSYGFR95M65**
M5 screws + washers + nuts 9.5 (0.37) mm (in.)	50	**NSYGFR95M55**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

19'' Fixed Chassis

PLA PHD

Installation: For heights from 750 (29.53) to 1500 (59.06) mm (in.), the installation requires ordering one set of two matching uprights. If a chassis is installed in an enclosure with a greater height, it is necessary to use the suitable uprights for the size of the enclosure

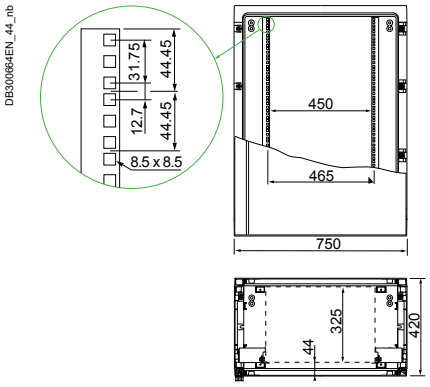
- Very sturdy 19" metal chassis, designed for installation in enclosures with a width of 750 (29.53) and 1250 (49.21) mm (in.). In enclosures with a width of 1250 (49.21) mm (in.), the chassis is installed in the 750 (29.53) mm (in.) part with an intermediate support, ref. **NSYSBPLA**.
- These chassis can be used as partial mounting plates in enclosures with a height greater than the nominal height.
- Incompatible with the internal doors and the step slides.
- Fixed chassis made up of two uprights with fixings
- Material: Galvanized steel
- Finish: Epoxy polyester paint
- Color: RAL 7035 gray
- Maximum load: 3 (6.6) kg (lbs.) per unit

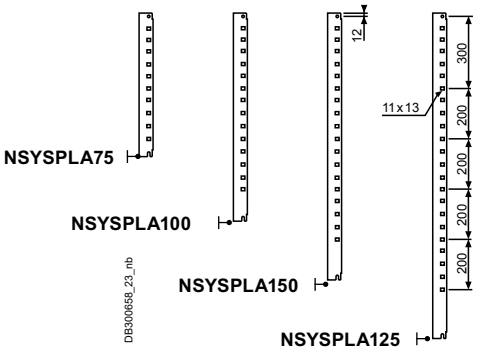


NSYBRF8PLAG

Characteristics	Height mm (in.)	Width mm (in.)	# of units	References
19" fixed chassis	500 (19.69)	750 (29.53)	8	**NSYBRF8PLAG**
19" fixed chassis	750 (29.53)	750 (29.53)	12	**NSYBRF12PLAG**
19" fixed chassis	1000 (39.37)	750 (29.53)	17	**NSYBRF17PLAG**
19" fixed chassis	1250 (49.21)	750 (29.53)	21	**NSYBRF21PLAG**
19" fixed chassis	1500 (59.06)	750 (29.53)	26	**NSYBRF26PLAG**
19" fixed chassis	2000 (78.74)	750 (29.53)	2 x 17	2 x **NSYBRF17PLAG** + **NSYPTZ4**
Set of two uprights	750 (29.53)	750 (29.53)	12	**NSYSPLA75**
Set of two uprights	1000 (39.37)	750 (29.53)	17	**NSYSPLA100**
Set of two uprights	1250 (49.21)	750 (29.53)	21	**NSYSPLA125**
Set of two uprights	1500 (59.06)	750 (29.53)	26	**NSYSPLA150***
Set of two uprights	2000 (78.74)	750 (29.53)	2 x 17	2 x **NSYSPLA100**

* Not compatible with **NSYCAAPVHD**.





6

Mounting Accessories

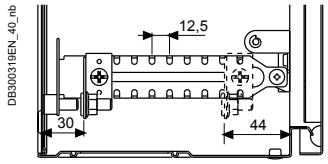
Other Mounting Accessories

Step Slides for Mounting Plate

CRN S3D S3X S3CM


NSYSDCR200

- Set of four supports intended for installation in enclosures with depths of 200 (7.87) and 250 (9.84) mm (in.).
- The rail allows the depth of the plate and other accessories to be adjusted in steps of 12.5 (0.49) mm (in.).



Supply:
Four step slides

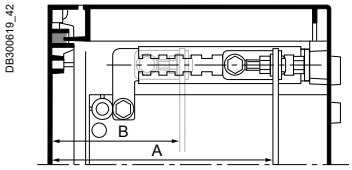
Characteristics	Enclosure depth mm (in.)	References
Step slides for mounting plate	200 (7.87)	**NSYSDCR200**
Step slides for mounting plate	250 (9.84)	**NSYSDCR250**
Step slides for mounting plate	300 (11.81)	**NSYSDCR300**
Step slides for mounting plate	400 (15.75)	**NSYSDCR400**

Step slides for 2 mounting plates in one enclosure

Step Slides

PLM

Kit allowing depth adjustment with a pitch of 12.5 (0.49) mm (in.), and the fixings required for the installation. Incompatible with the modular distribution chassis.



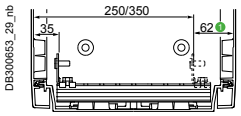
Supply:
4 step slides with brackets


NSYDPLM200

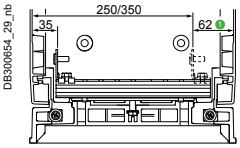
Characteristics (Material: Galvanized steel)	For wall-mounted enclosure depth mm (in.)	Depth adjustment A mm (in.)	Depth adjustment B mm (in.)	References
Step slides	200 (7.87)	156 (6.14)	94 (3.70)	**NSYDPLM200**
Step slides	250 (9.84)	200 (7.87)	100 (3.94)	**NSYDPLM250**
Step slides	300 (11.81)	250 (9.84)	100 (3.94)	**NSYDPLM300**
Step slides	350 (13.78)	306 (12.05)	106 (4.17)	**NSYDPLM350**

PLA PHD

- Set of four step slides with brackets allowing continuous depth adjustment of the mounting plate, with a pitch of 25 (0.98) mm (in.).
- Designed for direct installation in the enclosures with sealed bottom part (version PLA).
- In the enclosures with open bottom part (versions PLAZ or PLAZT), installation is made possible by adding the relevant adapter plates.
- Incompatibility with: Internal door, modular distribution chassis, 19" chassis, cable entry plate and door retainer, ref. **NSYRETPLAU**.
- Material: Bracket with steel M8 stud on aluminum rail.
- Fixing: Fixing on the top and bottom parts of the enclosure by means of M8 inserts and screws (supplied).



Installation of step slide ref. **NSYDPLA●●●**, 1 57 (2.24) mm (in.) with one transparent door.



Installation of step slide ref. **NSYDPLA●●●**, with adapter plate ref. **NSYPTZ●●●**, 1 57 (2.24) mm (in.) with one transparent door.






NSYDPLA3

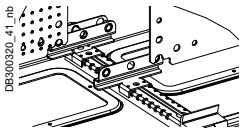
Characteristics	Depth mm (in.)	Number of doors	References
Step slides	320 (12.60)	1	**NSYDPLA3**
Step slides	320 (12.60)	2	2 x **NSYDPLA3**
Step slides	420 (16.54)	1	**NSYDPLA4**
Step slides	420 (16.54)	2	2 x **NSYDPLA4**
Step slides	620 (24.41)	1	**NSYDPLA6**
Step slides	620 (24.41)	2	2 x **NSYDPLA6**

Slide Bracket for Two Mounting Plates at Different Depths

CRN PLM S3CM


NSYCRNGSDR

- Additional slide bracket to be installed on the central step slides in order to mount two mounting plates, side by side, in 300 (11.81) and 400 (15.75) mm (in.) depth.



Supply:
Two slide brackets

Characteristics	References
Slide bracket for two mounting plates at different depths	**NSYCRNGSDR**

Additional Support

PLA


NSYEDPLA

- Set of four additional brackets, to be slid into the step slides, for the installation of an additional mounting plate.

Characteristics	References
Additional support	**NSYEDPLA**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Fixed Tray

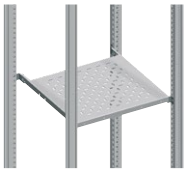
SM SFN SFN PC

- Provided with cut-outs for improving air circulation inside.
- Material: Steel
- Finish: Painted with epoxy polyester resin
- Color: RAL 7035 gray
- Maximum load: 150 (330.7) kg (lbs.) direct fixed to the structure, 40 (88.2) kg (lbs.) when universal cross-rails are used

Options for fixing the tray to the enclosure:
If the tray has the same dimensions as the enclosure:
- PanelSeT SFN: Direct fixing to the structure.
- PanelSeT SFX: Installation possible only with universal cross-rails, see page 363.
- PanelSeT SM: Fixing by means of adaptation profiles and 40 (1.57) mm (in.) universal cross-rails (1 row) in vertical position.

If the tray is smaller than the dimensions of the enclosure:
- Fixing on depth cross-rails.
- Depth-adjustable tray with a pitch of 25 (0.98) mm (in.).

Supply:
1 fixed tray and fixing elements



NSYFXT6040

Characteristics	Width mm (in.)	Depth mm (in.)	References
Fixed tray	600 (23.62)	400 (15.75)	**NSYFXT6040**
Fixed tray	800 (31.50)	400 (15.75)	**NSYFXT8040**
Fixed tray	600 (23.62)	500 (19.69)	**NSYFXT6050**
Fixed tray	800 (31.50)	500 (19.69)	**NSYFXT8050**
Fixed tray	600 (23.62)	600 (23.62)	**NSYFXT6060**
Fixed tray	800 (31.50)	600 (23.62)	**NSYFXT8060**
Fixed tray	800 (31.50)	800 (31.50)	**NSYFXT8080**

Telescopic Rails

SM SFN SFN PC

- Mechanical stop of the rails in open and closed position.
- Material: Galvanized steel
- Finish: Painted with epoxy polyester resin
- Maximum load: 25 (55.1) kg (lbs.) evenly distributed

Options for fixing the tray to the enclosure:
- PanelSeT SFN: Installation directly on the structure of the enclosure or on universal cross-rails.
- PanelSeT SFX: Instalation possible only with universal cross-rails, see page 363.
- PanelSeT SM: Installation by means of adaptation profiles and 40 (1.57) mm (in.) universal cross-rails (1 row) in vertical position, or on horizontal universal cross-rails.

The installation of a telescopic tray consists of the following:
- 1 fixed tray.
- 2 telescopic rails.

Supply:
2 telescopic rails and fixing elements



NSYTTG40

Characteristics	Width mm (in.)	Depth mm (in.)	References
Telescopic rails	600 (23.62)/800 (31.50)	400 (15.75)	**NSYTTG40**
Telescopic rails	600 (23.62)/800 (31.50)	500 (19.69)	**NSYTTG50**
Telescopic rails	600 (23.62)/800 (31.50)	600 (23.62)/800 (31.50)	**NSYTTG60**

Handle for Telescopic Trays

SFN SFN PC

- Designed for easy extraction of the sliding trays.
- Material: Polyamide 6 (black).

Supply:
2 units and fixing elements



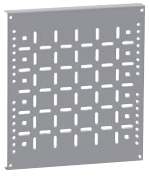
NSY1TH

Characteristics	References
Handle for telescopic trays	**NSY1TH**

Ventilated Shelf

SM

- Airing is ensured by two cut-out sizes:
  11 (0.43) x 13 (0.51) mm (in.) rectangles for fixation on both sides with self-tapping screws, 40 (1.57) x 8.5 (0.33) mm (in.) rectangles.
- The ventilated shelf must be fixed in the enclosure with a heavy load kit.
- Material: Steel
- Color: RAL 7035 gray
- Maximum load: 350 (771.6) kg (lbs.)



NSYDHLT8080



PB503466_42_nb

Supply:
1 tray and fixing elements

Characteristics	Tray dimensions W x D x H mm (in.)	Width mm (in.)	Depth mm (in.)	References
Ventilated shelf	700 (27.56) x 759 (29.88) x 50 (1.97)	800 (31.50)	800 (31.50)	**NSYDHLT8080**

6

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Mounting Accessories

Trays

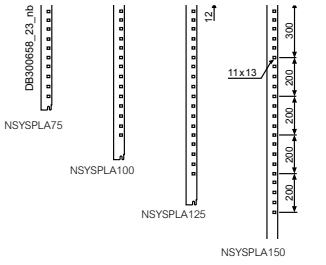
Support Plate

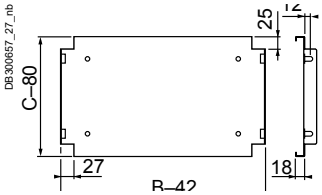
PLA



NSYSPLA75

Installation:
It is installed directly on the bottom part of the enclosure.
For the installation of one or several support plates, use two sets of two uprights suitable for the height (to be ordered separately). These uprights offer the option of adjusting the height with a step of 50 (1.97) mm (in.).





- Designed to support assorted equipment or simply to install a separation.
- In the two door enclosures, the installation of the plate or the uprights requires the prior installation of an intermediate support, ref. **NSYSBPLA**, presented beside.
- Material: Galvanized steel

Supply:
Delivered with the fixings required for installation

Characteristics	Height mm (in.)	Depth mm (in.)	Upright Number of adjustments	References
Support plate	750 (29.53)	320 (12.60) / 420 (16.54)	2	2 x **NSYSPLA75**
Support plate	1000 (39.37)	320 (12.60) / 420 (16.54)	3	2 x **NSYSPLA100**
Support plate	1250 (49.21)	320 (12.60) / 420 (16.54)	4	2 x **NSYSPLA125**
Support plate	1500 (59.06)	–	5	2 x **NSYSPLA150**
Support plate	2000 (78.74)	420 (16.54)	6	2 x **NSYSPLA100**

Characteristics	Depth (C) mm (in.)	Width (B) mm (in.)	Plate Max. load kg (lbs.)	References
Support plate	320 (12.60)	500 (19.69)	60 (132.28)	**NSYBANPLA53**
Support plate	420 (16.54)	500 (19.69)	50 (110.23)	**NSYBANPLA54**
Support plate	420 (16.54)	750 (29.53)	50 (110.23)	**NSYBANPLA74**
Support plate	620 (24.41)	750 (29.53)	50 (110.23)	**NSYBANPLA76**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Rail Support Bracket

SM SFN SMX SFX SD



NSYFB45

- Bracket for fixing rails at an angle of 45°.
- Material: Zinc-coated steel
- Insallation: PanelSeT SFN: Mounted on the structure and/or mounting plates
  PanelSeT SM: Mounted on the bottom mounting rail and/or mounting plates



PB500829_33_nb

Supply:
Ten units and fixing elements.
Reference by unit. Order by multiples of 10 (10, 20, 30...)

Characteristics	References
Rail support bracket	**NSYFB45**

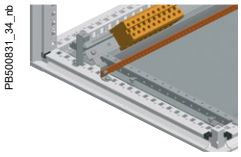
Combined Support Bracket

SFN



NSYETF

- Allows the installation of a DIN rail and an earthing strip on different planes to minimize the cable radiuses.
- Material: Zinc-coated steel
- Insallation: PanelSeT SFN: Directly on the structure and/or using mounting plates
  PanelSeT SM: On the bottom adjustment rails and/or on mounting plates



PB500831_34_nb

Supply:
Ten combined support brackets and fixing elements.
Reference by unit. Order by multiples of 10 (10, 20, 30...)

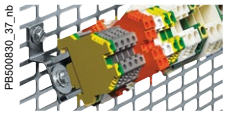
Characteristics	References
Combined support bracket	**NSYETF**

Terminal-Block Support Bracket



NSYEDCO

- Allow the mounting of a DIN rail.
- Tilted to 30°.
- Material: Treated steel



PB500830_37_nb

Supply:
Two lugs and fixings

Characteristics	References
Terminal-block support bracket	**NSYEDCO**

Combined Support Bracket (Vertical)



DZ5MS10

- Allow the installation of a DIN rail and an earthing strip on different planes, to minimize the cable radiuses.
- Material: Zinc-coated steel
- Installation: PanelSeT SFN and SM: Directly on the vertical structure and/or using mounting plates



PB502727_68_nb

Supply:
10 brackets

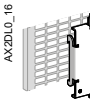
Characteristics	References
Combined support bracket (vertical)	**DZ5MS10**

Clicked Support Plate



AX2DL01

- For screw mounted equipment.
- For mounting on 35 (1.38) mm (in.) symmetric and double profile DIN rails or Telequick mounting plate.
- Material: Zinc-plate coated



AX2DL0_16

Supply:
Ten units and fixing elements.
Reference by unit. Order by multiples of 10 (10, 20, 30...)

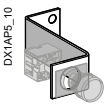
Characteristics	References
Clicked support plate, 44 (1.73) x 65 (2.56) mm (in.) - 9 screws	**AX2DL01**
Clicked support plate, 49 (1.93) x 65 (2.56) mm (in.) - 4 screws	**AX2DL02**

Bracket for Fixing Control Units (Ø 22)



DX1AP52

- To mount any 22 (0.87) mm (in.) (in.) diameter device directly on mounting plates.



DX1AP5_10

Supply:
Ten units and fixing elements.
Reference by unit. Order by multiples of 10 (10, 20, 30...)

Characteristics	References
Bracket for fixing control units (Ø 22 (0.87) mm (in.))	**DX1AP52**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Mounting Accessories

Additional Mounting Accessories

Clip-On Nuts for Telequick Mounting Plate


AF1EA3

- Used to easily fix devices on the Telequick mounting plate with the option of converting the layout as much as needed.

Supply:
100 units. Reference by unit. Order by multiples of 100 (100, 200, 300...)

Characteristics	Reference
Clip-on nuts for Telequick mounting plate, Model M3	**AF1EA3**
Clip-on nuts for Telequick mounting plate, Model M4	**AF1EA4**
Clip-on nuts for Telequick mounting plate, Model M5	**AF1EA5**
Clip-on nuts for Telequick mounting plate, Model M6	**AF1EA6**

Self-Tapping Screws

CRN | S3D | SM | SFN | S3X | PLS | PLM | PLA | S3CM


NSYS13M5HS


NSYS16M5HS

- Hexagonal head, 4.8 (0.19) x 16 (0.63) mm (in.) thread.
- Drilling capacity: Thicknesses between 17.5 (0.69)/10^{e} and 40 (1.57)/10^{e} mm (in.).

Supply:
100 units. To be ordered in multiples of 100 (100, 200, 300, etc.)

Characteristics	References
Plain mounting plate screw, self-tapping screw M5 x 13	**NSYS13M5HS**
Plain mounting plate screw, Self-tapping screw M5 x 16	**NSYS16M5HS**
Plain mounting plate screw, Self-tapping screw M6 x 16	**NSYS16M6HS**

Nuts for Uprights and Serrated C-Shaped Rails

SM | SFN | PLA


PB500818_31_nb


NSYSNSM6


NSYSNM6


NSYCNM6

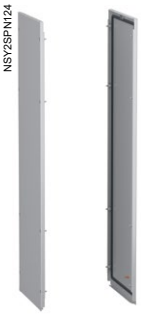

NSYFNM6

Characteristics	Supply (units)	References
M6 quarter-turn sliding nut	10	**NSYSNM6**
M8 quarter-turn sliding nut	10	**NSYSNM8**
M6 quarter-turn serrated sliding nut	10	**NSYSNSM6**
M8 quarter-turn serrated sliding nut	10	**NSYSNSM8**
M6 renovable nut	50	**NSYCNM6**
M8 renovable nut	50	**NSYCNM8**
M6 flat nut	50	**NSYFNM6**
M8 flat nut	50	**NSYFNM8**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Side Panels

SFN



NSY2SPN124

- Set of 2 side panels fixed from the outside of the enclosure.
- Material: Steel
- Finish: Structured finish, epoxy polyester powder
- Color: RAL 7035 gray

Supply:
2 side panels, with sealing gasket and captive screws

Characteristics	Height mm (in.)	Depth mm (in.)	References
Set of 2 side panels fixed from the outside of the enclosure	1200 (47.24)	400 (15.75)	**NSY2SPN124**
Set of 2 side panels fixed from the outside of the enclosure	1200 (47.24)	500 (19.69)	**NSY2SPN125**
Set of 2 side panels fixed from the outside of the enclosure	1200 (47.24)	600 (23.62)	**NSY2SPN126**
Set of 2 side panels fixed from the outside of the enclosure	1200 (47.24)	800 (31.50)	**NSY2SPN128**
Set of 2 side panels fixed from the outside of the enclosure	1400 (55.12)	400 (15.75)	**NSY2SPN144**
Set of 2 side panels fixed from the outside of the enclosure	1400 (55.12)	500 (19.69)	**NSY2SPN145**
Set of 2 side panels fixed from the outside of the enclosure	1400 (55.12)	600 (23.62)	**NSY2SPN146**
Set of 2 side panels fixed from the outside of the enclosure	1400 (55.12)	800 (31.50)	**NSY2SPN148**
Set of 2 side panels fixed from the outside of the enclosure	1600 (62.99)	400 (15.75)	**NSY2SPN164**
Set of 2 side panels fixed from the outside of the enclosure	1600 (62.99)	500 (19.69)	**NSY2SPN165**
Set of 2 side panels fixed from the outside of the enclosure	1600 (62.99)	600 (23.62)	**NSY2SPN166**
Set of 2 side panels fixed from the outside of the enclosure	1600 (62.99)	800 (31.50)	**NSY2SPN168**
Set of 2 side panels fixed from the outside of the enclosure	1800 (70.87)	400 (15.75)	**NSY2SPN184**
Set of 2 side panels fixed from the outside of the enclosure	1800 (70.87)	500 (19.69)	**NSY2SPN185**
Set of 2 side panels fixed from the outside of the enclosure	1800 (70.87)	600 (23.62)	**NSY2SPN186**
Set of 2 side panels fixed from the outside of the enclosure	1800 (70.87)	800 (31.50)	**NSY2SPN188**
Set of 2 side panels fixed from the outside of the enclosure	2000 (78.74)	400 (15.75)	**NSY2SPN204**
Set of 2 side panels fixed from the outside of the enclosure	2000 (78.74)	500 (19.69)	**NSY2SPN205**
Set of 2 side panels fixed from the outside of the enclosure	2000 (78.74)	600 (23.62)	**NSY2SPN206**
Set of 2 side panels fixed from the outside of the enclosure	2000 (78.74)	800 (31.50)	**NSY2SPN208**
Set of 2 side panels fixed from the outside of the enclosure	2200 (86.61)	400 (15.75)	**NSY2SPN224**
Set of 2 side panels fixed from the outside of the enclosure	2200 (86.61)	500 (19.69)	**NSY2SPN225**
Set of 2 side panels fixed from the outside of the enclosure	2200 (86.61)	600 (23.62)	**NSY2SPN226**
Set of 2 side panels fixed from the outside of the enclosure	2200 (86.61)	800 (31.50)	**NSY2SPN228**

SFX



NSY2SPX184

- Side panels including a polyurethane sealing gasket.
- Their special design helps guarantee the protection of the door gasket
- 304L stainless-steel sheet

Characteristics	Height of the enclosure mm (in.)	Depth of the enclosure mm (in.)	References
Set of 2 side panels	1800 (70.87)	400 (15.75)	**NSY2SPX184**
Set of 2 side panels	2000 (78.74)	400 (15.75)	**NSY2SPX204**
Set of 2 side panels	2000 (78.74)	500 (19.69)	**NSY2SPX205**
Set of 2 side panels	2000 (78.74)	600 (23.62)	**NSY2SPX206**

Partition Panel

SFN



NSYPPS166

- Partition panel for direct fixing to the structure, helps guarantee a water/dustproof protection of IP10 between enclosure suites.
- Material: Galvanized steel

Supply:
1 partition panel, sealing gasket and fixing elements

Characteristics	Height mm (in.)	Depth mm (in.)	References
Partition panel	1800 (70.87)	400 (15.75)	**NSYPPS184**
Partition panel	1800 (70.87)	500 (19.69)	**NSYPPS185**
Partition panel	1800 (70.87)	600 (23.62)	**NSYPPS186**
Partition panel	2000 (78.74)	400 (15.75)	**NSYPPS204**
Partition panel	2000 (78.74)	500 (19.69)	**NSYPPS205**
Partition panel	2000 (78.74)	600 (23.62)	**NSYPPS206**
Partition panel	2000 (78.74)	800 (31.50)	**NSYPPS208**

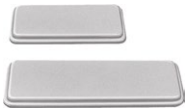
Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Fixing, Coupling and Composition Accessories

Side Panels

Side Plates

PLS


NSYTL27270G

- Ingress protection rating: IP65

Characteristics	For surfaces mm (in.)	Width mm (in.)	References
Side plate	270 (10.63)	200 (7.87)	**NSYTL27270G**
Side plate	360 (14.17)	290 (11.42)	**NSYTL27360G**

Partial Opening Frame

PLS


NSYUCC270

- Ingress protection rating: Frame with full opening: IP44 between enclosures

Supply:
References by unit. Order by multiples of 10 units (10, 20, 30, etc.)

Characteristics	For surfaces mm (in.)	Opening mm (in.)	References
Partial-opening frame	270 (10.63)	200 (7.87)	**NSYUCC270**
Partial-opening frame	360 (14.17)	290 (11.42)	**NSYUCC360**

Accessories for Panels

SFN


NSYCSP

- Trim cap for external fixing panels, both sides and rear
- Material: Polyamide 6
- Color: RAL 7035 gray

Supply:
50 units

Characteristics	References
Trim cap for external fixing panels	**NSYCSP**

6

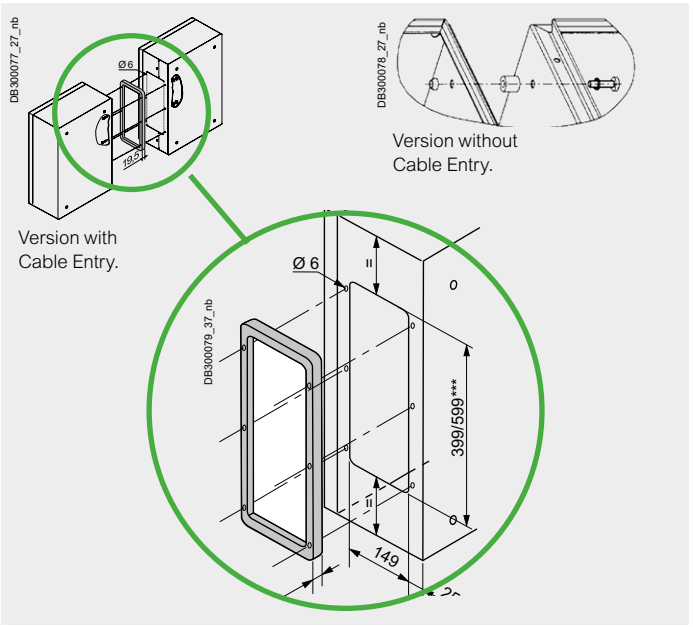
Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Fixing, Coupling and Composition Accessories

Coupling Accessories

Coupling of Panel**SeT** Steel Enclosures

- Available in 2 versions:
  Coupling version without cable entry.
  Version with coupling frame allowing the entry of cables.
- Separation of 17 (0.67) mm (in.) between 2 coupled enclosures, allowing full opening of the doors.
- Allows lateral coupling of 2 enclosures.
- These frames allow the door to open to 120°.
- Material: Fiberglass-reinforced polyester, self-extinguishing
- Ingress protection rating: IP66 according to IEC 60529



Coupling Spacers

CRN S3D



NSYAEUBUSC

Supply:
Set of 4 spacers and their fixings. Mounting by screws, included

Characteristics	References
Set of 4 coupling spacers	**NSYAEUBUSC**

Coupling Frames

CRN S3D



NSYAEUBU41SC

Characteristics	References
Coupling frame, 435 (17.13) x 185 (7.28) mm (in.)	**NSYAEUBU41SC**
Coupling frame, 635 (25.00) x 185 (7.28) mm (in.)	**NSYAEUBU61SC**

PLS



NSYUM27180

Comment:
Use the dimensional drawings of the boxes to identify which coupling frame you need. Consider the sides and surfaces you will join. Not UL-certified.

- Ingress protection rating: Frame with full opening: IP65 between enclosures

Characteristics	For surfaces mm (in.)	Opening mm (in.)	References
Full-opening frame	180 (7.09)	110 (4.33)	**NSYUM27180**
Full-opening frame	270 (10.63)	200 (7.87)	**NSYUM27270**
Full-opening frame	360 (14.17)	290 (11.42)	**NSYUM27360**

6

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Fixing, Coupling and Composition Accessories

Coupling Accessories

Standard Coupling Kit

SFN

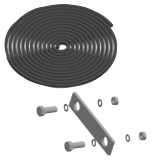

NSYSFBK

- Used for joining enclosures side-to-side or depthwide.
- Fixing from the inside of the enclosure.
- Material: Flat connectors and brackets: Zinc-coated steel - Sealing gasket: EPDM
- Ingress protection rating: IP55 according to IEC 60529 (**NSYSFBK**)

Supply:
4 brackets, 2 flat connectors, sealing gasket, fixing elements and 16 caps

Characteristics	References
Standard coupling kit	**NSYSFBK**

SM


NSYSMBK

- Used for joining enclosuresside-to-side.
- Enclosures fixed from the inside.
- Material: 3 x 10 (0.39) mm (in.) sealing gasket: EPDM
- Ingress protection rating: IP55 according to IEC 60529

Supply:
1 sealing gasket and fixing elements

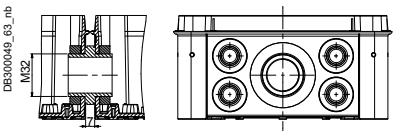
Characteristics	References
Enclosure coupling kit	**NSYSMBK**

Coupling Kit

TBS TBP


13934

The coupling kit allows you to join several boxes with dimensions from 138 x 93 mm (in.).
- Material: Polystyrene, glow wire resistance: 650°C (1202°F) according to IEC 60695-2-11
- Ingress protection rating: IP66 according to IEC 60529
- Installation: The kit is installed by drilling a hole with Ø 32 (1.26) mm (in.) in the boxes to be coupled

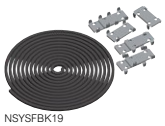


Supply:
The kit consists of 2 linking parts, nuts and seals

Characteristics	Drilling Ø	Minor pack.	Reference
Coupling kit	32 (1.26) mm (in.)	1	**13934**

Swing 19" Rack or PrismaSet HD Coupling Kit

SFX


NSYSFBK19

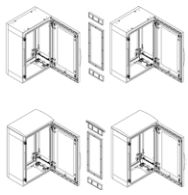
- Used for joining enclosures equipped with swing 19" rack, side-to-side or depthwise.
- Fixing from the inside of the enclosures.
- Material: Flat connectors: Zinc-coated steel (**NSYSFBK19**); Sealing gasket: EPDM (**NSYSFXJG**)
- Ingress protection rating: IP55 according to IEC 60529

Supply:
8 flat connectors, sealing gasket, fixing elements and 16 caps

Characteristics	Compatibility	References
Swing 19" rack coupling kit	SFX	**NSYSFBK19**
Swing 19" rack coupling kit	SFX	**NSYSFXJG**

Horizontal Coupling Kits, 15 (0.59) mm (in.), Joining Two Enclosures Mounted on ZA Plinths

PLA PHD


NSYMUPLA53G

- For coupling two enclosures side by side.
- Coupling frame kit: Made up of a coupling kit and the fixings required for installation.
- Trim kit: Made up of two frames for aesthetic fitting of the two coupled enclosures.
- Coupling kit widths: 15 (0.59) mm (in.), joining two enclosures mounted on ZA plinths.
- Ingress protection rating: IP55 at the coupling point.

Note:
Not valid for coupling two enclosures using ZZ or ZH type plinth.

Characteristics	Depth mm (in.)	Height mm (in.)	References
Coupling frame kit 15 (0.59) mm (in.)	320 (12.60)	500 (19.69)	**NSYMUPLA53G**
Coupling frame kit 15 (0.59) mm (in.)	320 (12.60)	750 (29.53)	**NSYMUPLA73G**
Coupling frame kit 15 (0.59) mm (in.)	320 (12.60)	1000 (39.37)	**NSYMUPLA103G**
Coupling frame kit 15 (0.59) mm (in.)	320 (12.60)	1250 (49.21)	**NSYMUPLA123G**
Coupling frame kit 15 (0.59) mm (in.)	320 (12.60)	1500 (59.06)	**NSYMUPLA153G**
Coupling frame kit 15 (0.59) mm (in.)	420 (16.54)	500 (19.69)	**NSYMUPLA54G**
Coupling frame kit 15 (0.59) mm (in.)	420 (16.54)	750 (29.53)	**NSYMUPLA74G**
Coupling frame kit 15 (0.59) mm (in.)	420 (16.54)	1000 (39.37)	**NSYMUPLA104G**
Coupling frame kit 15 (0.59) mm (in.)	420 (16.54)	1250 (49.21)	**NSYMUPLA124G**
Coupling frame kit 15 (0.59) mm (in.)	420 (16.54)	1500 (59.06)	**NSYMUPLA154G**
Coupling frame kit 15 (0.59) mm (in.)	420 (16.54)	2000 (78.74)	**NSYMUPLA204G**
Trim kit for enclosure without canopy	320 (12.60)	-	**NSYSUPLA3G**
Trim kit for enclosure without canopy	320 (12.60)	-	**NSYSUPLA3TG**
Trim kit for enclosure without canopy	420 (16.54)	-	**NSYSUPLA4G**
Trim kit for enclosure with canopy	420 (16.54)	-	**NSYSUPLA4TG**

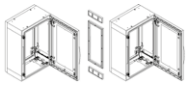
Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

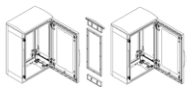
Fixing, Coupling and Composition Accessories

Coupling Accessories

Horizontal coupling kits, 35 (1.38) mm (in.), joining two enclosures mounted on ZZ or ZH plinths

PHD





NSYMUPLA103W

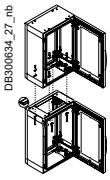
- For coupling two enclosures side by side.
- Coupling frame kit: Made up of a coupling kit and the fixings required for installation.
- Coupling kit widths: 35 (1.38) mm (in.), joining two enclosures mounted on ZZ or ZH plinths
- Ingress protection rating: IP55 at the coupling point

Note:
Not valid for coupling two enclosures using ZA plinths.

Characteristics	Depth mm (in.)	Height mm (in.)	References
Coupling frame kit 35 (1.38) mm (in.)	320 (12.60)	1000 (39.37)	**NSYMUPLA103W**
Coupling frame kit 35 (1.38) mm (in.)	320 (12.60)	1250 (49.21)	**NSYMUPLA123W**
Coupling frame kit 35 (1.38) mm (in.)	320 (12.60)	1500 (59.06)	**NSYMUPLA153W**
Coupling frame kit 35 (1.38) mm (in.)	420 (16.54)	1000 (39.37)	**NSYMUPLA104W**
Coupling frame kit 35 (1.38) mm (in.)	420 (16.54)	1250 (49.21)	**NSYMUPLA124W**
Coupling frame kit 35 (1.38) mm (in.)	420 (16.54)	1500 (59.06)	**NSYMUPLA154W**

Vertical Coupling Kit

PLA



DB300634_27_nb

NSYUVPLA

- For coupling two enclosures on top of one another.
- Set of 3.5 (137.80) m (in.) of adhesive seal and the fixings required for mounting.
- Ingress protection rating: IP55 at the coupling point.

Characteristics	References
Vertical coupling kit	**NSYUVPLA**

Reinforced Coupling

SFN



NSYSFBKR

- It is used together with the coupling kit to reinforce the connection between 2 enclosures when they carry heavy loads.
- Fixing from the inside of the enclosures.
- Material: Zinc-coated steel.

Supply:
4 reinforced connectors and fixing elements

Characteristics	References
Reinforced coupling	**NSYSFBKR**

Quick Coupling

SFN



NSYSFBKF

- Used for quickly joining 2 enclosures.
- Fixing from the inside of the enclosures.
- Material: Zinc-coated steel

Supply:
4 flat links and fixing elements

Characteristics	References
Quick coupling	**NSYSFBKF**

External Coupling

SFN



NSYSFBKE

- Allows two enclosures to be joined by their structure.
- To be used with the standard coupling kit in those cases where front and back uprights are not accessible.
- The mounting plate or vertical uprights fixed to the back of the enclosure help prevent the assembly and dismantling of the kit.
- It can be combined with the reinforced or the quick coupling kit.
- Material: External connectors: Zinc-coated steel.

Supply:
4 external connectors and fixing elements

Characteristics	References
External coupling	**NSYSFBKE**

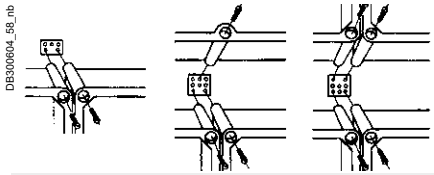
Box Coupling Unit Piece

PLS





NSYPS2C27



DB300604_58_nb

- For coupling 2, 3 or 4 boxes, with optional wall-mounted.
- M6 x 8 (0.31) mm (in.) screw with cylindrical head.

Supply:
To be ordered in multiples of 25

Characteristics	References
Box coupling unit piece for coupling 2 boxes	**NSYPS2C27**
Box coupling unit piece for coupling 3 or 4 boxes	**NSYPS4C27**

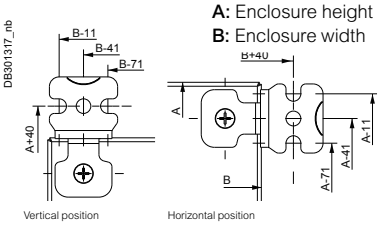
Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Fixing, Coupling and Composition Accessories

Wall Fixing Lugs

Standard Wall Fixing Lugs

SBM CRN S3D SBX S3X SMX S3HD



PanelSeT SBM and SBX:
- Wall-mounted lugs to be mounted directly on the rear of the box, either in horizontal or vertical position. Their versatile design complies with the mounting dimensions of many other enclosures.
- Ingress protection rating: IP66 according to IEC 60529
- Installation: Horizontal or vertical position, distance between wall and enclosure: 12 (0.47) mm (in.), only requires a screw driver
- Maximum load: 70 kg

PanelSeT CRN, S3X, S3D, S3HD, SFN HD:
- Set of 4 wall-fixing lugs.
- Mounted directly on the rear of the enclosure, either in horizontal or vertical position.
- Wall-to-enclosure spacing separation of 12 (0.47) mm (in.).
- Maximum load: 250 (551.2) kg (lbs.)
- Not suitable for dynamic loads.
- For weights of the PanelSeT CRN enclosures without mounting plate refer to the selection table

Supply:
4 wall-mounted lugs, screws and pre-mounted sealing gaskets


NSYAEFPFSB

Characteristics	Compatibility	References
Wall fixing lugs	SBM	**NSYAEFPFSB**
Wall fixing lugs	SBX	**NSYAEFPFSBX**
Wall fixing lugs	CRN	**NSYPFCR**
Wall fixing lugs stainless-steel AISI 304L	CRN, S3X	**NSYPFCX**
Wall fixing lugs in stainless-steel AISI 316L	CRN, S3X	**NSYPFC2X**
Wall fixing lugs passivated zinc coated steel	S3D	**NSYAEFPFSC**
Wall fixing lugs, 304L stainless-steel	S3D	**NSYAEFPFXSC**
Wall fixing lugs for SMX	SMX	**NSYFCMX**

Lugs and Cover

S3D


NSYAEFPFSC2

Supply:
4 fixing brackets + covers

Characteristics	References
Wall fixing lugs + cover, passivated zinc-coated steel + PA	**NSYAEFPFSC2**

CRN S3D


NSYCAEFPF

Supply:
Kit of 4 covers

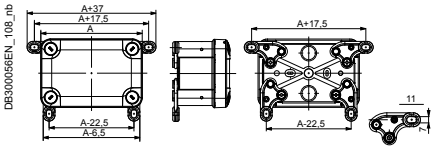
Characteristics	References
Cover for wall fixing brackets, PA	**NSYCAEFPF**

Set of 4 Fixing Lugs

TBS TBP


NSYAEFTB

- Plastic fixing lugs for installation on boxes with dimensions from 116 (4.57) x 116 (4.57) mm (in.).
- Option of vertical or horizontal installation.
- Installation: Installation by a single screw at the last moment, with the box closed and equipped
- Maximum load: Body: 30 (66.1) kg (lbs.)/m², Cover: 10 (22.0) kg (lbs.)/m²



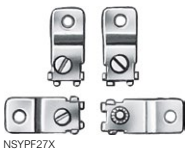
Supply:
4 lugs + screws, minor pack 1

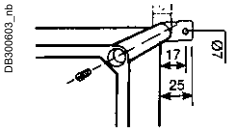
Characteristics	Reference
Set of 4 fixing lugs	**NSYAEFTB**

Wall Fixing Lugs

PLS


NSYPF27N


NSYPF27X



- Passivated zinc-coated steel
- Stainless-steel

Supply:
Set of 4 lugs and fixings

Characteristics	References
Wall fixing lug, passivated zinc-coated steel	**NSYPF27N**
Wall fixing lug, stainless-steel	**NSYPF27X**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Fixing, Coupling and Composition Accessories

Wall Fixing Lugs

Fixing Lugs

PLM


NSYPFXPLM

Set of 4 wall fixing lugs. Mounted directly on the enclosure, either in horizontal position or in vertical position.
- Material: Polyamide reinforced with fiberglass or stainless-steel
- Color: RAL 7035 gray
- **Maximum load:**
  On PLM32: Vertical or horizontal: 10 (22.0) kg (lbs.)
  Other PLM models: Vertical position: 200 (440.9) kg (lbs.), horizontal position: 100 (220.5) kg (lbs.)

Supply:
Delivered with fixings

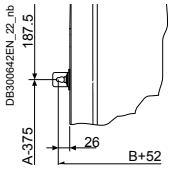
Characteristics	Reference
Wall fixing lugs	**NSYPFPLMG**
Wall fixing lugs, exclusively for enclosures ref. NSYPLM32G and NSYPLM32TG	**NSYPFPLM32G**
Stainless-steel wall fixing lugs	**NSYPFXPLM**

PLA


NSYFMPLA

Drilling positions and marks inside the side panels.
- Material: Passivated zinc-coated steel
- Maximum load: 180 (396.8) kg (lbs.) including weight of enclosure

Fixing: Fixing on the sides by four or six lugs in horizontal position
(six lugs for enclosures with height ≥ 1000 (39.37) mm (in.))
10 (0.39) mm (in.) fixing distance on the rear of the enclosure plane



Supply:
Set of six lugs and fixings

Characteristics	References
Wall fixing lugs	**NSYFMPLA**

Wall Fixing Support

PHD


NSYFMPHD

- Wall fixing support for polyester outdoor Heavy-Duty enclosure.
- No change in ingress protection rate.
- Maximum load per enclosure: 180 (396.8) kg (lbs.)
- Material: Zinc-coated steel
- Finish: Zinc painting



Supply:
6

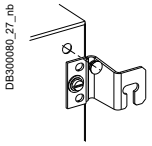
Characteristics	References
Wall fixing support	**NSYFMPHD**

Wall Fixing Lugs with Wall-Enclosure Separation

S3D


NSYAEFPF40SC

- Set of 4 wall fixing lugs.
- Separation of 40 (1.57) mm (in.) from the wall at the rear of the enclosure.
- Requires a drilled hole to help prevent rotation.
- Material: Passivated zinc-coated steel
- Maximum load: 100 (220.5) kg (lbs.)



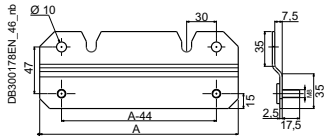
Characteristics	References
Wall fixing lugs with wall-enclosure separation	**NSYAEFPF40SC**

Full-Width Wall Fixing Lugs

S3D


NSYAEFPFS3DW40

- Kit made of 2 parts (top and bottom).
- Screwed from the inside.
- Material: Passivated zinc-coated steel
- Maximum load: 350 (771.6) kg (lbs.)



Comment:
For more information see page 399

Characteristics	Width mm (in.)	A mm (in.)	References
Heavy load reinforcement	400 (15.75)	395 (15.55)	**NSYAEFPFS3DW40**
Heavy load reinforcement	600 (23.62)	595 (23.43)	**NSYAEFPFS3DW60**
Heavy load reinforcement	800 (31.50)	795 (31.30)	**NSYAEFPFS3DW80**
Heavy load reinforcement	1000 (39.37)	-	**NSYAEFPFS3DW100**

Kit For Heavy Loads

S3D



- Set of 2 reinforcement pieces.
- To be mounted before installing the mounting plate in top position with the standard lugs (to be ordered separately).
- This kit is mandatory for wall-mounted enclosures bigger than 800 (31.50) x 800 (31.50) mm (in.).
- Material: Passivated zinc-coated steel
- Maximum load: 400 (881.8) kg (lbs.)

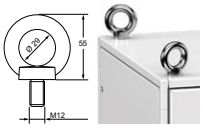
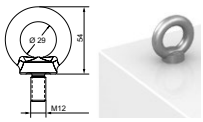
Characteristics	References
Kit for heavy loads	**NSYAEFAHLBSC**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

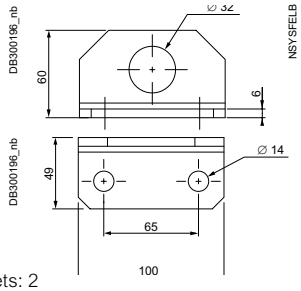
Fixing, Coupling and Composition Accessories

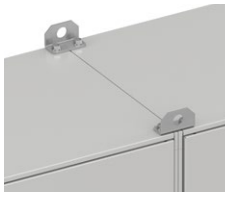
Lifting Accessories

Eyebolts

NSYAELYTCRG8	NSYAELYTCRXG8	NSYSFEB	NSYSMEB	NSYSMXEB	NSYPLHD
					
CRN S3D	CRN S3D S3X	SFN	SM	SMX SFX	PHD
• Set of two M8 eyebolts. They are fixed directly to the body of the floor-standing enclosure. Cannot be installed with the canopy in place or if it is planned to put one. • Material: Zinc-coated molded steel. • Maximum load: 200 (440.9) kg (lbs.) per enclosure when slinging at 60°.	• Material: Stainless-steel 304L. • Maximum load: 210 (463) kg (lbs.) per enclosure when slinging at 60°. • Supply reinforcing brackets attached to the rings (these brackets also act as a drilling template).	• Set of M12 lifting eyebolts, which screw directly into the structure of the enclosure, in the axis of the uprights. • Material: Galvanized cast steel. • Maximum load: 1360 (2998.3) kg (lbs.) at 90° using 4 units (340 (749.6) kg (lbs.) at 90° per unit). • Maximum amount of assembled enclosures to be lifted: 1.	• Set of M12 lifting eyebolts, fixed to the enclosure by fixing nuts. • Material: Galvanized cast steel. • Maximum load: 1360 (2998.3) kg (lbs.) at 90° using 4 units (340kg at 90° per unit) • Maximum amount of assembled enclosures to be lifted: 1.	• Material: Stainless-steel 304L. • Installation: By the fixing nuts supplied. • Maximum load: 340 (749.6) kg (lbs.) for 1 eyebolt in vertical direction.	• Top lifting accessory for polyester outdoor Heavy-Duty enclosure. • Maximum load per enclosure: 500 (1102.3) kg (lbs.). • Material: Galvanized cast steel.

Lifting Brackets





SFN

- Set of lifting and transport brackets, fixed to the structure between two coupled enclosures, in the axis of the uprights.
- Material: Zinc-coated steel
- Maximum load: 500 (1102.3) kg (lbs.) at 90° per unit
- Maximum amount of assembled enclosures to be lifted with 2 brackets: 2

Supply:
4 brackets and fixing elements (M12 screws)


NSYSFELB

Characteristics	Enclosures to be lifted	Max. load kg (lbs.)	References
Lifting brackets	2	500 (1102.3)	**NSYSFELB**

SFX

- Material: Treated steel
- Installation: They are fixed instead of the eyebolts on two suitable enclosures side-by-side, helping guarantee the rigidity of the enclosure when lifted
- Maximum load: 1300 (2866) kg (lbs.) when slinging at 60°

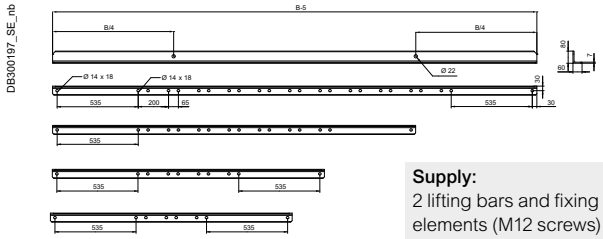
Supply:
Set of four lifting brackets


NSYPUNX

Characteristics	References
Lifting bracket	**NSYPUNX**

Lifting Bar for SFN

SFN



- Set of bars for lifting and transporting enclosures suites.
- They are fixed to the structure of the enclosure, in the axis of the uprights.
- Material: Zinc-plated steel

Supply:
2 lifting bars and fixing elements (M12 screws)


NSYSFTB16

Characteristics	B - Length mm (in.)	Enclosures to be lifted	Max. load kg (lbs.)	References
Lifting bar	1600 (62.99)	2	2000 (4 409.2)	**NSYSFTB16**
Lifting bar	1800 (70.87)	3	3000 (6 613.9)	**NSYSFTB18**
Lifting bar	2400 (94.49)	4	3000 (6 613.9)	**NSYSFTB24**
Lifting bar	3200 (125.98)	5	4000 (8 818.5)	**NSYSFTB32**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Fixing, Coupling and Composition Accessories

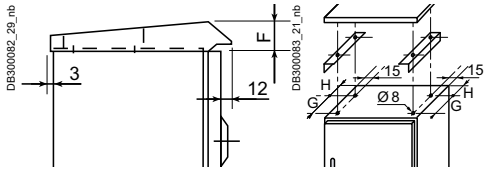
Canopy

Roof Canopy

CRN S3D



NSYTJ2015



- Direct fixing to the body of the enclosure by 4 M6 screws.
- Material: galvanized steel
- Finish: Epoxy-polyester paint
- Color: RAL 7035 gray

Supply:
Delivered with the fixings required for installation

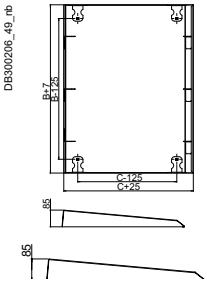
Characteristics	Width mm (in.)	Depth mm (in.)	F mm (in.)	G mm (in.)	H mm (in.)	References
Roof canopy	200 (7.87)	150 (5.91)	36 (1.42)	75 (2.95)	23 (0.91)	**NSYTJ2015**
Roof canopy	300 (11.81)	150 (5.91)	36 (1.42)	75 (2.95)	23 (0.91)	**NSYTJ3015**
Roof canopy	400 (15.75)	150 (5.91)	36 (1.42)	75 (2.95)	23 (0.91)	**NSYTJ4015**
Roof canopy	500 (19.69)	200 (7.87)	36 (1.42)	130 (5.12)	23 (0.91)	**NSYTJ5020**
Roof canopy	600 (23.62)	200 (7.87)	36 (1.42)	130 (5.12)	23 (0.91)	**NSYTJ6020**
Roof canopy	300 (11.81)	200 (7.87)	36 (1.42)	130 (5.12)	23 (0.91)	**NSYTJ3020**
Roof canopy	400 (15.75)	200 (7.87)	36 (1.42)	130 (5.12)	23 (0.91)	**NSYTJ4020**
Roof canopy	400 (15.75)	250 (9.84)	42 (1.65)	150 (5.91)	48 (1.89)	**NSYTJ4025**
Roof canopy	500 (19.69)	250 (9.84)	42 (1.65)	150 (5.91)	48 (1.89)	**NSYTJ5025**
Roof canopy	600 (23.62)	250 (9.84)	42 (1.65)	150 (5.91)	48 (1.89)	**NSYTJ6025**
Roof canopy	800 (31.50)	250 (9.84)	42 (1.65)	150 (5.91)	48 (1.89)	**NSYTJ8025**
Roof canopy	600 (23.62)	300 (11.81)	42 (1.65)	200 (7.87)	48 (1.89)	**NSYTJ6030**
Roof canopy	800 (31.50)	300 (11.81)	42 (1.65)	200 (7.87)	48 (1.89)	**NSYTJ8030**
Roof canopy	1000 (39.37)	300 (11.81)	42 (1.65)	200 (7.87)	48 (1.89)	**NSYTJ10030**
Roof canopy	1200 (47.24)	300 (11.81)	42 (1.65)	200 (7.87)	48 (1.89)	**NSYTJ12030**
Roof canopy	600 (23.62)	400 (15.75)	42 (1.65)	300 (11.81)	48 (1.89)	**NSYTJ6040**
Roof canopy	800 (31.50)	400 (15.75)	42 (1.65)	300 (11.81)	48 (1.89)	**NSYTJ8040**
Roof canopy	1000 (39.37)	400 (15.75)	42 (1.65)	300 (11.81)	48 (1.89)	**NSYTJ10040**
Roof canopy	1200 (47.24)	400 (15.75)	42 (1.65)	300 (11.81)	48 (1.89)	**NSYTJ12040**

Roof Canopy

SM SFN



NSYSC630



- Provides excellent protection against splashes from rainwater.
- Canopy cannot be used together with lifting fixtures.
- PanelSeT SFN: It is possible to use a single canopy with combinations of modular enclosures (example: one 1600 (62.99) mm (in.) canopy with two coupled 800 (31.50) mm (in.) enclosures).
- Material: Galvanized steel
- Finish: Structured finish, epoxy polyester powder
- Color: RAL 7035 gray

Fixing:
PanelSeT SFN: Fixing by holes to be made in the roof of the enclosure
PanelSeT SM: Fixing by holes already made in the roof

Supply:
One canopy, drilling template and fixing elements

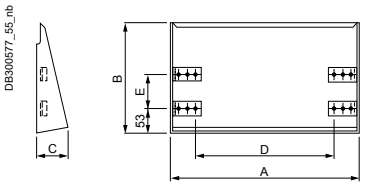
Characteristics	(B) Width mm (in.)	(C) Depth mm (in.)	References
Roof canopy	600 (23.62)	300 (11.81)	**NSYSC630**
Roof canopy	600 (23.62)	400 (15.75)	**NSYSC640**
Roof canopy	600 (23.62)	600 (23.62)	**NSYSC660**
Roof canopy	800 (31.50)	300 (11.81)	**NSYSC830**
Roof canopy	800 (31.50)	400 (15.75)	**NSYSC840**
Roof canopy	800 (31.50)	500 (19.69)	**NSYSC850**
Roof canopy	800 (31.50)	600 (23.62)	**NSYSC860**
Roof canopy	1000 (39.37)	300 (11.81)	**NSYSC1030**
Roof canopy	1000 (39.37)	400 (15.75)	**NSYSC1040**
Roof canopy	1000 (39.37)	500 (19.69)	**NSYSC1050**
Roof canopy	1000 (39.37)	600 (23.62)	**NSYSC1060**
Roof canopy	1200 (47.24)	300 (11.81)	**NSYSC1230**
Roof canopy	1200 (47.24)	400 (15.75)	**NSYSC1240**
Roof canopy	1200 (47.24)	500 (19.69)	**NSYSC1250**
Roof canopy	1200 (47.24)	600 (23.62)	**NSYSC1260**
Roof canopy	1600 (62.99)	400 (15.75)	**NSYSC1640**
Roof canopy	1600 (62.99)	500 (19.69)	**NSYSC1650**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Fixing, Coupling and Composition Accessories

Canopy

Roof Canopy



S3X

- Material: 304L stainless-steel sheet
- Finish: Scotch-Brite® brushed
- Thickness: 15 (0.59)/10e mm (in.)
- Installation: Direct fixing to the body of the enclosure

Supply:
Delivered with the fixings required for installation


NSYTX2015

Characteristics	Width mm (in.)	Depth mm (in.)	Dimensions mm (in.) A	B	C	D	E	References
Roof canopy	200 (7.87)	150 (5.91)	205 (8.07)	183 (7.20)	51 (2.01)	120 (4.72)	-	**NSYTX2015**
Roof canopy	250 (9.84)	150 (5.91)	205 (8.07)	183 (7.20)	51 (2.01)	120 (4.72)	-	**NSYTX2515**
Roof canopy	300 (11.81)	150 (5.91)	305 (12.01)	183 (7.20)	51 (2.01)	220 (8.66)	-	**NSYTX3015**
Roof canopy	300 (11.81)	200 (7.87)	305 (12.01)	233 (9.17)	51 (2.01)	220 (8.66)	70 (2.76)	**NSYTX3020**
Roof canopy	400 (15.75)	200 (7.87)	405 (15.94)	233 (9.17)	70 (2.76)	320 (12.60)	70 (2.76)	**NSYTX4020**
Roof canopy	600 (23.62)	200 (7.87)	605 (23.82)	233 (9.17)	70 (2.76)	520 (20.47)	70 (2.76)	**NSYTX6020**
Roof canopy	600 (23.62)	250 (9.84)	605 (23.82)	283 (11.14)	70 (2.76)	520 (20.47)	120 (4.72)	**NSYTX6025**
Roof canopy	1000 (39.37)	300 (11.81)	1005 (39.57)	333 (13.11)	70 (2.76)	920 (36.22)	170 (6.69)	**NSYTX10030**
Roof canopy	1200 (47.24)	300 (11.81)	1205 (47.44)	333 (13.11)	70 (2.76)	1120 (44.09)	120 (4.72)	**NSYTX12030**
Roof canopy	500 (19.69)	250 (9.84)	505 (19.88)	283 (11.14)	70 (2.76)	420 (16.54)	120 (4.72)	**NSYTX5025**
Roof canopy	800 (31.50)	300 (11.81)	805 (31.69)	333 (13.11)	70 (2.76)	720 (28.35)	170 (6.69)	**NSYTX8030**

SMX

- Helps guarantee very high protection of the enclosure when used outdoors.
- Material: 304L stainless-steel sheet
  Other types of stainless-steel, contact us
- Finish: Scotch-Brite® brushed
- Other finishes, contact us
- Thickness 15 (0.59)/10e
- Installation: It is fixed in the same holes as the eyebolt.

Supply:
Delivered with fixings. Other dimensions and canopy for sets, contact us


NSYSCMX10030

Characteristics	Width mm (in.)	Depth mm (in.)	References
Roof canopy	800 (31.50)	400 (15.75)	**NSYSCMX8040**
Roof canopy	800 (31.50)	500 (19.69)	**NSYSCMX8050**
Roof canopy	1000 (39.37)	300 (11.81)	**NSYSCMX10030**
Roof canopy	1000 (39.37)	400 (15.75)	**NSYSCMX10040**
Roof canopy	1200 (47.24)	400 (15.75)	**NSYSCMX12040**
Roof canopy	1600 (62.99)	400 (15.75)	**NSYSCMX16040**
Roof canopy	1600 (62.99)	600 (23.62)	**NSYSCMX16060**

SFX

Supply:
Delivered with fixings. Other dimensions and canopy for sets, contact us


NSYSCX6040

Characteristics	Width mm (in.)	Depth mm (in.)	References
Roof canopy	600 (23.62)	400 (15.75)	**NSYSCX6040**
Roof canopy	800 (31.50)	400 (15.75)	**NSYSCX8040**
Roof canopy	800 (31.50)	600 (23.62)	**NSYSCX8060**
Roof canopy	1000 (39.37)	600 (23.62)	**NSYSCX10060**
Roof canopy	1200 (47.24)	400 (15.75)	**NSYSCX12040**
Roof canopy	1200 (47.24)	600 (23.62)	**NSYSCX12060**
Roof canopy (used when coupling 2 SFX together)	1200 (47.24)	500 (19.69)	**NSYSCX12050**
Roof canopy (used when coupling 2 SFX together)	1600 (62.99)	400 (15.75)	**NSYSCX16040**
Roof canopy (used when coupling 2 SFX together)	1600 (62.99)	600 (23.62)	**NSYSCX16060**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

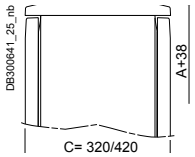
Fixing, Coupling and Composition Accessories

Canopy

Roof Canopy

PLA

- Can be installed in all enclosure models.
- High resistance to impacts, temperature and bad weather.
- Increases the height (A) of the enclosure by 38 (1.50) mm (in.) without modifying its width or depth.
- Material: Polyester reinforced with fiberglass
- Color: RAL 7035 gray
- Installation: Essential for outdoor use



Supply:
Delivered with the fixings required for installation

NSYTJPLA53G

Characteristics	Width mm (in.)	Depth mm (in.)	References
Roof canopy	500 (19.69)	320 (12.60)	**NSYTJPLA53G**
Roof canopy	500 (19.69)	420 (16.54)	**NSYTJPLA54G**
Roof canopy	750 (29.53)	320 (12.60)	**NSYTJPLA73G**
Roof canopy	750 (29.53)	420 (16.54)	**NSYTJPLA74G**
Roof canopy	750 (29.53)	620 (24.41)	**NSYTJPLA76G**
Roof canopy	1000 (39.37)	320 (12.60)	**NSYTJPLA103G**
Roof canopy	1000 (39.37)	420 (16.54)	**NSYTJPLA104G**
Roof canopy	1250 (49.21)	320 (12.60)	**NSYTJPLA123G**
Roof canopy	1250 (49.21)	420 (16.54)	**NSYTJPLA124G**
Roof canopy	1250 (49.21)	620 (24.41)	**NSYTJPLA126G**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Fixing, Coupling and Composition Accessories

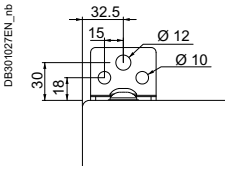
Fixing Support

Wall Fixing Support

SFN


NSYSFWFIX

- Supports for fixing the enclosure on the wall and helping prevent it from turning over.
- They cannot be used for hanging the enclosure.
- They are installed using the roof mounting screws.
- Material: Zinc-coated steel sheet



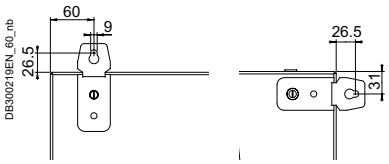
Supply:
2 supports

Characteristics	References
Wall fixing support	**NSYSFWFIX**

SM


NSYSMWFIX

- Supports for fixing the enclosure on the wall and helping prevent it from turning over.
- They are installed using the drill holes in the back of the enclosure.
- Mounted directly on the rear of the enclosure, either in horizontal or vertical position
- Material: Zinc-coated steel sheet



Supply:
2 supports

Characteristics	References
Wall fixing support	**NSYSMWFIX**

Fixing Brackets


NSYMPBSD

- Set of 4 fixing brackets.
- Depth adjustment on 25 (0.98) mm (in.) pitch.
- Included as standard with desk (all versions).
- To be ordered separately when required for installation of two back-to-back mounting plates in control desks with rear access.
- Material: Galvanized steel
- Thickness: 40 (1.57)/10^{e} mm (in.)
- Maximum load: 250 (551.2) kg (lbs.)

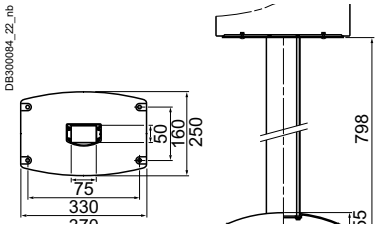
Characteristics	References
Fixing brackets	**NSYMPBSD**

Support Pillar

CRN S3D


NSYCOCN80

- The support pillar is fixed directly to the bottom face of the PanelSeT steel enclosure by means of an adapter plate.
- The adapter plate, to be ordered in addition to the pillar, replaces the cable gland plate.
- Overall height of the support foot: 800 (31.50) mm (in.).
- Mounting possible on all enclosures with dimensions up to 600 (23.62) x 400 (15.75) x 250 (9.84) mm (in.) (except 200 (7.87) x 200 (7.87) x 150 (5.91) mm (in.) and 250 (9.84) x 200 (7.87) x 150 (5.91) mm (in.) enclosures).
- Material: Extruded aluminum
- Finish: Epoxy polyester paint
- Color: RAL 7035 gray



Characteristics	Height mm (in.)	References
Support pillar	800 (31.50)	**NSYCOCN80**

Support Pillar Adaptation Plate

S3D


NSYAEFP42S3D

- Description: Plate for fixing the support pillar on the enclosure.
- This plate replaces the cable gland plate delivered with the enclosure.
- Material: Steel
- Finish: Polyester powder
- Color: RAL 7035 gray

Characteristics	For enclosure width mm (in.)	For enclosure depth mm (in.)	References
Support pillar adaptation plate	400 (15.75)	200 (7.87)-250 (9.84)	**NSYAEFP42S3D**

Support Bracket for Enclosure with Anti-Tilt Kit and Reinforcement

CRN S3D S3X PLM S3HF


NSYCOCNS1400

- The support bracket is used when the enclosure cannot be hung from a wall or a post.
- Maximum enclosure dimensions: 1000 (39.37) x 800 (31.50) x 300 (11.81) mm (in.).
- Floor attachment by standard M12 fastenings.
- Material: Steel
- Finish: Epoxy polyester paint
- Color: RAL 7035 gray
- Maximum load: 120 (264.6) kg (lbs.)

Characteristics	Height mm (in.)	References
Support bracket for enclosure with anti-tilt kit and reinforcement	1400 (55.12)	**NSYCOCNS1400**
Support bracket for enclosure with anti-tilt kit and reinforcement	1800 (70.87)	**NSYCOCNS1800**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Fixing, Coupling and Composition Accessories

Post Mounting

Post Fixing Device

SBM CRN S3D PLM

For CRN, S3D and SBM

- For indoor installations on posts with a maximum circumference of 675 (26.57) mm (in.) (minimum diameter 150 (5.91) mm (in.) and maximum diameter 215 (8.46) mm (in.)).
- Material: Zinc-plated steel
- Rail mounted externally to the rear of the box with 8 (0.31) mm (in.) screws for installation on posts with diameters between 150 (5.91) mm (in.) and 215 (8.46) mm (in.).
- For steel boxes with widths of 150 (5.91), 200 (7.87), 300 (11.81), 400 (15.75), 500 (19.69), 600 (23.62) and 800 (31.50) mm (in.).
- Maximum load: 100 (220.5) kg (lbs.)

For PLM:

- For outdoor installations on a post with a maximum circumference of 675 (26.57) mm (in.), Ø 215 (8.46) mm (in.).
- Support material: Steel with C4H treatment
- Maximum load: 100 (220.5) kg (lbs.)
- Strap material: Stainless-steel
- C5H/C6H resistances available via customization services

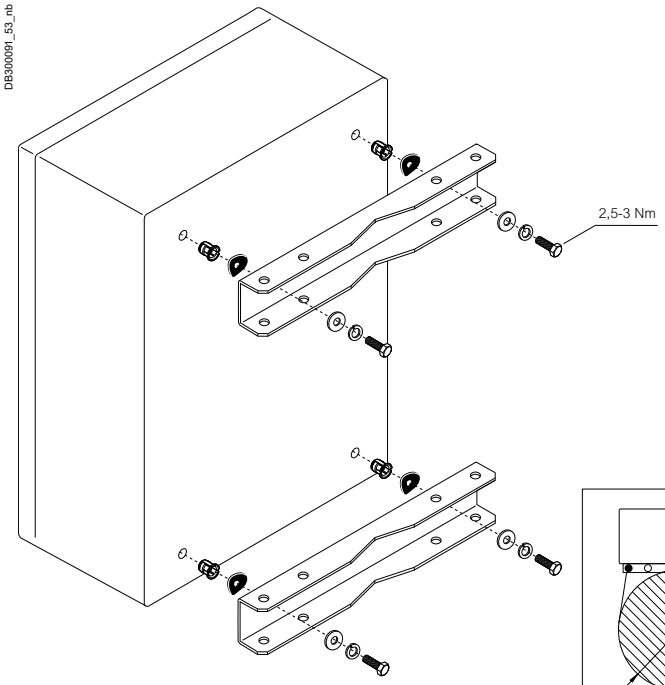
Supply:
2 pieces

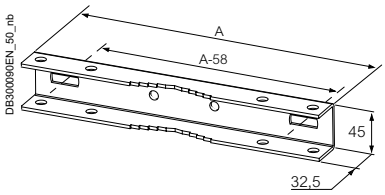


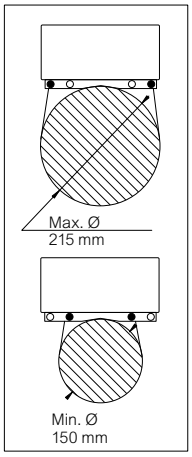
NSYSFPSC30

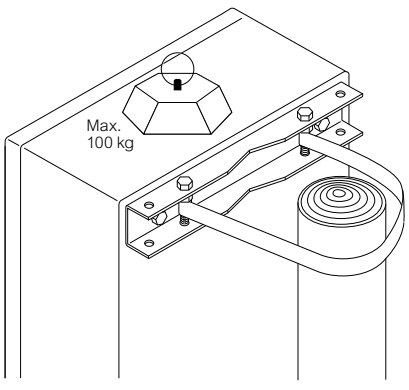


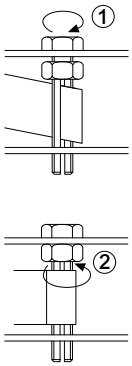
Characteristics	Compatibility	A mm (in.)	Height mm (in.)	Width mm (in.)	References
Post mounting	SBM, CRN, S3D	295 (11.61)	45 (1.77)	300 (11.81)	**NSYSFPSC30**
Post mounting	SBM, CRN, S3D	395 (15.55)	45 (1.77)	400 (15.75)	**NSYSFPSC40**
Post mounting	SBM, CRN, S3D	495 (19.49)	45 (1.77)	500 (19.69)	**NSYSFPSC50**
Post mounting	SBM, CRN, S3D	595 (23.43)	45 (1.77)	600 (23.62)	**NSYSFPSC60**
Post mounting	SBM, CRN, S3D	795 (31.30)	45 (1.77)	800 (31.50)	**NSYSFPSC80**
Post mounting	PLM	295 (11.61)	45 (1.77)	300 (11.81)	**NSYSFP300**
Post mounting	PLM	395 (15.55)	45 (1.77)	400 (15.75)	**NSYSFP400**
Post mounting	PLM	495 (19.49)	45 (1.77)	500 (19.69)	**NSYSFP500**
Post mounting	PLM	595 (23.43)	45 (1.77)	600 (23.62)	**NSYSFP600**











6

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

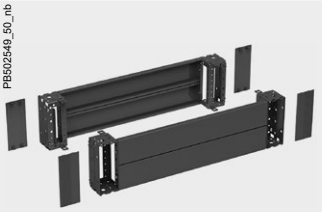
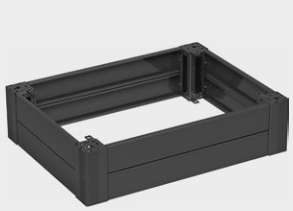
Fixing, Coupling and Composition Accessories

Plinths

Plinth as a Kit

The complete plinth consists of two elements, one is the front and rear kit, determined by the width of the enclosure, and the other consists of the side panels which determine the depth of the enclosure. The number of side panels required depends on the plinth combination.

- Robust design.
- The modular plinth system makes it possible to reduce the number of references in stock.

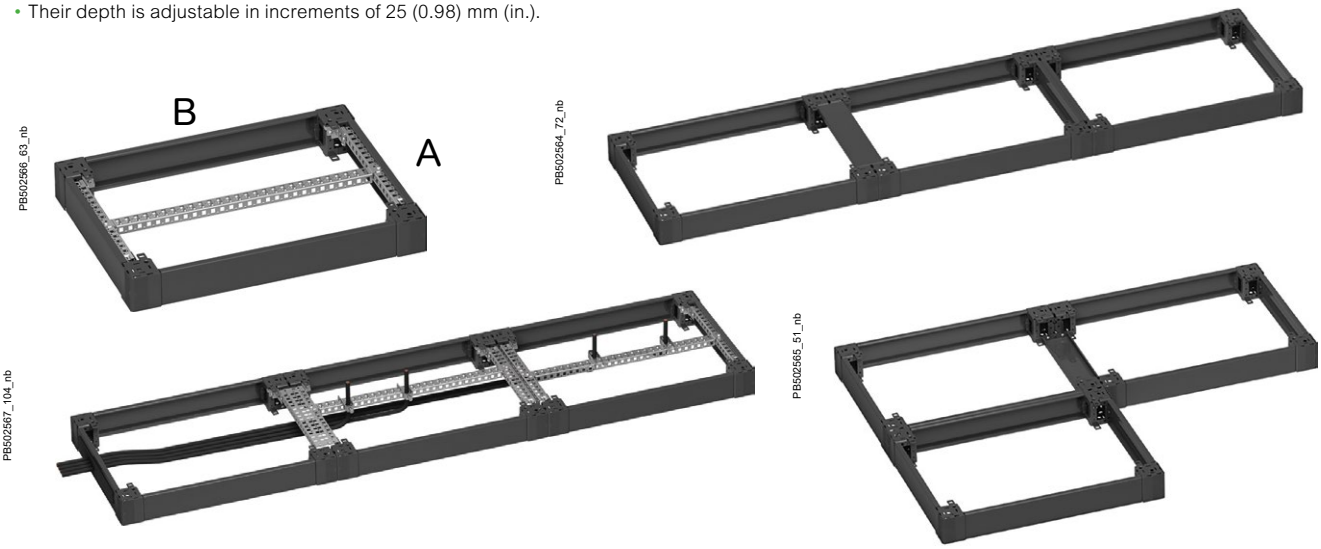
Characteristics	Front and rear kit	Side panels	Complete plinth
Plinth height 100 (3.94) mm (in.)			
Plinth height 200 (7.87) mm (in.)			

Floor

Examples of Solutions

Plinth Cross-Rail Fixed in Position B, Requires 2 Cross-Rails Fixed in Position A.

- They are fixed to the plinth cross-rails, both the universal and the quick-fixing types.
- Their depth is adjustable in increments of 25 (0.98) mm (in.).



Comment: Universal and quick-fixing cross-rail references, page 363

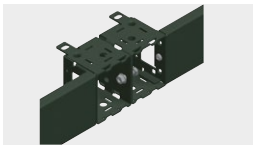
Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Fixing, Coupling and Composition Accessories

Plinths

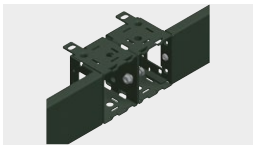
Possibility of Joining Plinths

PB500545_35_nb

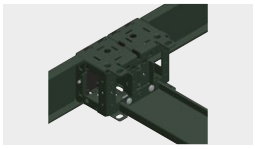


The surfaces between corners are always in contact.
They are joined by a M8 screw and nut, not included in the standard supply.
- Longitudinally free space for passing cables
- Greater rigidity of the resulting assembly unit

PB500545_35_nb

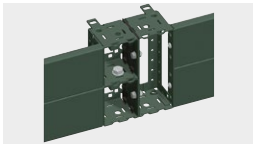


PB500547_35_nb



Side panels
are secured by M6 screws and caged nuts, not included in the standard supply, reference **NSYSPM6** and reference **NSYCN9M625**, which can be mounted above and/or below.
- Improves rigidity in the depthwise direction during transport

PB500548_35_nb



Vertical plinth assembly
are secured by means of M12 screws and nuts, not included in the standard supply.

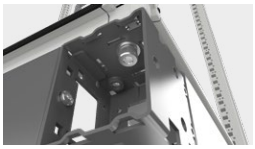
Possibility of Fixing the Enclosure to the Plinth

PB500549_38_nb



Fixing from the inside of the enclosure
by means of an M12 screw, screwing directly into the corner of the plinth.
- Fixing convenience and speed

PB500550_36_nb



Fixing from the outside of the enclosure
with a M12 screw, screwing directly onto the vertical upright.
- Maximum rigidity of the enclosure-plinth assembly

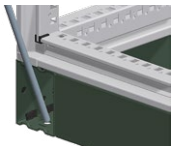
Options to Fix the Plinth to the Floor

PB500551_22_NB



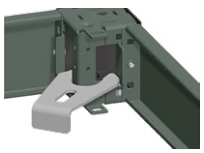
Fixing from the inside of the enclosure.
The machining angle varies according to the plinth model:
- Plinth height 100 (3.94) mm (in.) φ = 18°.
- Plinth height 200 (7.87) mm (in.) φ = 9°.

PB500552_27_NB



Fixing from the outside of the enclosure, optimal point for the rigidity of the assembly.
The machining angle varies according to the plinth model:
- Plinth height 100 (3.94) mm (in.) φ = 22°.
- Plinth height 200 (7.87) mm (in.) φ = 11°.

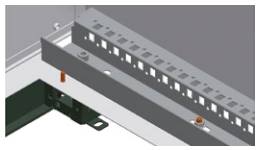
NSYSGF_nb



Floor-fixing supports can be used as well.
Brackets **NSYSGF** for fixing plinth to the floor if the drillholes made in the plinth cannot be used.
It can be to the corner, or between corner and panel.

Fixing the Enclosure to the Plinth

PB500555_33_NB



Fixing from the inside of the enclosure
by means of a M12 screw, screwing directly into the corner of the plinth
- Fixing convenience and speed.

Fixing the Enclosure Against a Wall

PB500555_33_NB



Enclosure against a wall.
Thanks to the design of the corners, when the enclosure is installed against the wall, the external fixing point can still be accessible by removing the plinth side panels and turning the back corners.

Assembly of the Plinth Panels

PB500556_23_NB



The panels are fixed with an M6 screw to the corner included in the standard supply of the side panels.
- The front and rear panels are delivered with the corners mounted.

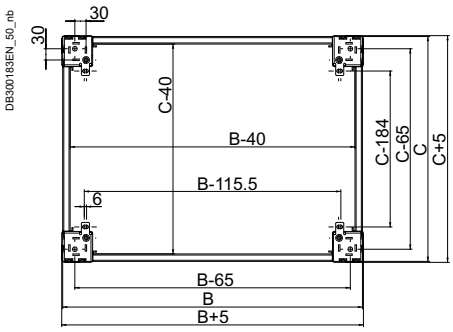
6

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

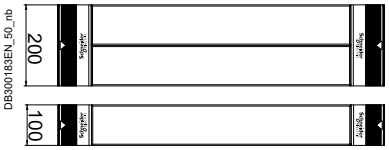
Fixing, Coupling and Composition Accessories

Plinths

Front and Rear Plinths



B: Width
C: Height



Installation:
It is necessary to order separately the plinth fixing kit (ref. **NSYAPFWM**) composed by fixing hardware and drilling jig.

Note:
For more information see **page 400**

Supply:
Height 100 (3.94) mm (in.): 4 corners, 2 panels (front and rear), 4 corner covers and fixing elements
Height 200 (7.87) mm (in.): 4 corners, 4 panels (2 front and 2 rear), 4 corner covers and fixing elements

CRN S3D SM SFN SFN PC SD SFN IT

- The front and rear of the plinth consists of 4 corners with 2 or 4 panels.
- Material: Folded sheet steel, corner with a thickness of 25 (0.98)/10[e] mm (in.)
- Finish: Structured finish, epoxy polyester powder
- Color: RAL 7022 gray
- Ingress protection rating: IP20 according to IEC 60529
- Mechanical protection rating: IK10 according to IEC 62262


NSYSPF3100


NSYSPF3200

Characteristics	Width mm (in.)	Height mm (in.)	References
Front and rear plinths	300 (11.81)	100 (3.94)	**NSYSPF3100**
Front and rear plinths	400 (15.75)	100 (3.94)	**NSYSPF4100**
Front and rear plinths	600 (23.62)	100 (3.94)	**NSYSPF6100**
Front and rear plinths	800 (31.50)	100 (3.94)	**NSYSPF8100**
Front and rear plinths	1000 (39.37)	100 (3.94)	**NSYSPF10100**
Front and rear plinths	1200 (47.24)	100 (3.94)	**NSYSPF12100**
Front and rear plinths	1600 (62.99)	100 (3.94)	**NSYSPF16100**
Front and rear plinths	300 (11.81)	200 (7.87)	**NSYSPF3200**
Front and rear plinths	400 (15.75)	200 (7.87)	**NSYSPF4200**
Front and rear plinths	600 (23.62)	200 (7.87)	**NSYSPF6200**
Front and rear plinths	800 (31.50)	200 (7.87)	**NSYSPF8200**
Front and rear plinths	1000 (39.37)	200 (7.87)	**NSYSPF10200**
Front and rear plinths	1200 (47.24)	200 (7.87)	**NSYSPF12200**
Front and rear plinths	1600 (62.99)	200 (7.87)	**NSYSPF16200**

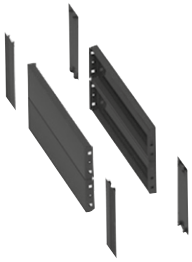
Plinth side panels

CRN S3D SM SFN SFN PC SD SFN IT

- They are fixed to the corner of the plinth by 2 fixing screws.
- Material: Folded sheet steel
- Finish: Structured finish, epoxy polyester powder
- Color: RAL 7022 gray
- Ingress protection rating: IP20 according to IEC 60529
- Mechanical protection rating: IK10 according to IEC 62262

Supply:
Height 100 (3.94) mm (in.): 2 side panels, 4 corner covers and fixing elements
Height 200 (7.87) mm (in.): 4 side panels (height of 100 (3.94) mm (in.), 2 for each side), 4 corner covers and fixing elements


NSYSPS3100


NSYSPS3200

Characteristics	Compatibility	Depth mm (in.)	Height mm (in.)	References
Side plinths	CRN, S3D, SD	300 (11.81)	100 (3.94)	**NSYSPS3100SD**
Side plinths	SM, SFN, SFN PC, SFN IT	300 (11.81)	100 (3.94)	**NSYSPS3100**
Side plinths	CRN, S3D, SD	400 (15.75)	100 (3.94)	**NSYSPS4100SD**
Side plinths	SM, SFN, SFN PC, SFN IT	400 (15.75)	100 (3.94)	**NSYSPS4100**
Side plinths	SM, SFN, SFN PC, SFN IT	500 (19.69)	100 (3.94)	**NSYSPS5100**
Side plinths	CRN, S3D, SD	500 (19.69)	100 (3.94)	**NSYSPS5100SD**
Side plinths	SM, SFN, SFN PC, SFN IT	600 (23.62)	100 (3.94)	**NSYSPS6100**
Side plinths	CRN, S3D, SD	600 (23.62)	100 (3.94)	**NSYSPS6100SD**
Side plinths	SM, SFN, SFN PC, SFN IT	800 (31.50)	100 (3.94)	**NSYSPS8100**
Side plinths	SM, SFN, SFN PC, SFN IT	1000 (39.37)	100 (3.94)	**NSYSPS10100**
Side plinths	CRN, S3D, SD	300 (11.81)	200 (7.87)	**NSYSPS3200SD**
Side plinths	SM, SFN, SFN PC, SFN IT	300 (11.81)	200 (7.87)	**NSYSPS3200**
Side plinths	CRN, S3D, SD	400 (15.75)	200 (7.87)	**NSYSPS4200SD**
Side plinths	SM, SFN, SFN PC, SFN IT	400 (15.75)	200 (7.87)	**NSYSPS4200**
Side plinths	SM, SFN, SFN PC, SFN IT	500 (19.69)	200 (7.87)	**NSYSPS5200**
Side plinths	CRN, S3D, SD	500 (19.69)	200 (7.87)	**NSYSPS5200SD**
Side plinths	SM, SFN, SFN PC, SFN IT	600 (23.62)	200 (7.87)	**NSYSPS6200**
Side plinths	CRN, S3D, SD	600 (23.62)	200 (7.87)	**NSYSPS6200SD**
Side plinths	SM, SFN, SFN PC, SFN IT	800 (31.50)	200 (7.87)	**NSYSPS8200**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Fixing, Coupling and Composition Accessories

Plinths

Stainless-Steel Plinths

- Material: Stainless-steel, AISI 304L or AISI 316L
- Finish: Scotch-Brite® brushing, to help guarantee the durability in application where the contact with the floor increases the risk of corrosion
- Installation: Plinth fixing kit must be ordered separately (ref. **NSYAPFXWM**) composed by fixing elements and drilling jig

CRN S3D SM SFN S3X SMX SFX SD S3HD SFN HD



NSYSPFX10100

Characteristics	W mm (in.)	H mm (in.)	References
Plinth H 100 (3.94) mm (in.), Kit (4 corners + front and back), AISI 304L	600 (23.62)	100 (3.94)	**NSYSPFX6100**
Plinth H 100 (3.94) mm (in.), Kit (4 corners + front and back), AISI 304L	800 (31.50)	100 (3.94)	**NSYSPFX8100**
Plinth H 100 (3.94) mm (in.), Kit (4 corners + front and back), AISI 304L	1000 (39.37)	100 (3.94)	**NSYSPFX10100**
Plinth H 100 (3.94) mm (in.), Kit (4 corners + front and back), AISI 304L	1200 (47.24)	100 (3.94)	**NSYSPFX12100**
Plinth H 100 (3.94) mm (in.), Kit (4 corners + front and back), AISI 304L	1600 (62.99)	100 (3.94)	**NSYSPFX16100**
Plinth H 100 (3.94) mm (in.), Kit (4 corners + front and back), AISI 316L	600 (23.62)	100 (3.94)	**NSYSPFX6100H**
Plinth H 100 (3.94) mm (in.), Kit (4 corners + front and back), AISI 316L	800 (31.50)	100 (3.94)	**NSYSPFX8100H**
Plinth H 100 (3.94) mm (in.), Kit (4 corners + front and back), AISI 316L	1000 (39.37)	100 (3.94)	**NSYSPFX10100H**
Plinth H 100 (3.94) mm (in.), Kit (4 corners + front and back), AISI 316L	1200 (47.24)	100 (3.94)	**NSYSPFX12100H**
Plinth H 100 (3.94) mm (in.), Kit (4 corners + front and back), AISI 316L	1600 (62.99)	100 (3.94)	**NSYSPFX16100H**

CRN S3D SM SFN S3X SMX SFX SD S3HD SFN HD



NSYSPSX3100

Characteristics	Compatibility	D mm (in.)	H mm (in.)	References
Plinth H 100 (3.94) mm (in.), Set of 2 side panels, AISI 304L	CRN, S3D, SM, SFN, S3X, SMX, SD, S3HD, SFN HD	300 (11.81)	100 (3.94)	**NSYSPSX3100**
Plinth H 100 (3.94) mm (in.), Set of 2 side panels, AISI 304L	CRN, S3D, SM, SFN, S3X, SMX, SD, S3HD, SFN HD	400 (15.75)	100 (3.94)	**NSYSPSX4100**
Plinth H 100 (3.94) mm (in.), Set of 2 side panels, AISI 304L	SFX	400 (15.75)	100 (3.94)	**NSYSPSX4100SF**
Plinth H 100 (3.94) mm (in.), Set of 2 side panels, AISI 304L	CRN, S3D, SM, SFN, S3X, SMX, SD, S3HD, SFN HD	500 (19.69)	100 (3.94)	**NSYSPSX5100**
Plinth H 100 (3.94) mm (in.), Set of 2 side panels, AISI 304L	SFX	500 (19.69)	100 (3.94)	**NSYSPSX5100SF**
Plinth H 100 (3.94) mm (in.), Set of 2 side panels, AISI 304L	CRN, S3D, SM, SFN, S3X, SMX, SD, S3HD, SFN HD	600 (23.62)	100 (3.94)	**NSYSPSX6100**
Plinth H 100 (3.94) mm (in.), Set of 2 side panels, AISI 304L	SFX	600 (23.62)	100 (3.94)	**NSYSPSX6100SF**
Plinth H 100 (3.94) mm (in.), Set of 2 side panels, AISI 316L	CRN, S3D, SM, SFN, S3X, SMX, SD, S3HD, SFN HD	300 (11.81)	100 (3.94)	**NSYSPSX3100H**
Plinth H 100 (3.94) mm (in.), Set of 2 side panels, AISI 316L	CRN, S3D, SM, SFN, S3X, SMX, SD, S3HD, SFN HD	400 (15.75)	100 (3.94)	**NSYSPSX4100H**
Plinth H 100 (3.94) mm (in.), Set of 2 side panels, AISI 316L	CRN, S3D, SM, SFN, S3X, SMX, SD, S3HD, SFN HD	500 (19.69)	100 (3.94)	**NSYSPSX5100H**
Plinth H 100 (3.94) mm (in.), Set of 2 side panels, AISI 316L	CRN, S3D, SM, SFN, S3X, SMX, SD, S3HD, SFN HD	600 (23.62)	100 (3.94)	**NSYSPSX6100H**

CRN S3D SM SFN S3X SMX SFX SD S3HD SFN HD



NSYSPFX8200

Characteristics	W mm (in.)	H mm (in.)	References
Plinth H 200 (7.87) mm (in.), Kit (4 corners + front and back), AISI 304L	600 (23.62)	200 (7.87)	**NSYSPFX6200**
Plinth H 200 (7.87) mm (in.), Kit (4 corners + front and back), AISI 304L	800 (31.50)	200 (7.87)	**NSYSPFX8200**
Plinth H 200 (7.87) mm (in.), Kit (4 corners + front and back), AISI 304L	1000 (39.37)	200 (7.87)	**NSYSPFX10200**
Plinth H 200 (7.87) mm (in.), Kit (4 corners + front and back), AISI 304L	1200 (47.24)	200 (7.87)	**NSYSPFX12200**
Plinth H 200 (7.87) mm (in.), Kit (4 corners + front and back), AISI 304L	1600 (62.99)	200 (7.87)	**NSYSPFX16200**
Plinth H 200 (7.87) mm (in.), Kit (4 corners + front and back) AISI 316L	600 (23.62)	200 (7.87)	**NSYSPFX6200H**
Plinth H 200 (7.87) mm (in.), Kit (4 corners + front and back), AISI 316L	800 (31.50)	200 (7.87)	**NSYSPFX8200H**
Plinth H 200 (7.87) mm (in.), Kit (4 corners + front and back), AISI 316L	1000 (39.37)	200 (7.87)	**NSYSPFX10200H**
Plinth H 200 (7.87) mm (in.), Kit (4 corners + front and back), AISI 316L	1200 (47.24)	200 (7.87)	**NSYSPFX12200H**
Plinth H 200 (7.87) mm (in.), Kit (4 corners + front and back), AISI 316L	1600 (62.99)	200 (7.87)	**NSYSPFX16200H**

CRN S3D SM SFN S3X SMX SFX SD S3HD SFN HD



NSYSPSX3200

Characteristics	Compatibility	D mm (in.)	H mm (in.)	References
Plinth H 200 (7.87) mm (in.), Set of 2 side panels (x2), AISI 304L	CRN, S3D, SM, SFN, S3X, SMX, SD, S3HD, SFN HD	300 (11.81)	200 (7.87)	**NSYSPSX3200**
Plinth H 200 (7.87) mm (in.), Set of 2 side panels (x2), AISI 304L	CRN, S3D, SM, SFN, S3X, SMX, SD, S3HD, SFN HD	400 (15.75)	200 (7.87)	**NSYSPSX4200**
Plinth H 200 (7.87) mm (in.), Set of 2 side panels (x2), AISI 304L	SFX	400 (15.75)	200 (7.87)	**NSYSPSX4200SF**
Plinth H 200 (7.87) mm (in.), Set of 2 side panels (x2), AISI 304L	CRN, S3D, SM, SFN, S3X, SMX, SD, S3HD, SFN HD	500 (19.69)	200 (7.87)	**NSYSPSX5200**
Plinth H 200 (7.87) mm (in.), Set of 2 side panels (x2), AISI 304L	SFX	500 (19.69)	200 (7.87)	**NSYSPSX5200SF**
Plinth H 200 (7.87) mm (in.), Set of 2 side panels (x2), AISI 304L	CRN, S3D, SM, SFN, S3X, SMX, SD, S3HD, SFN HD	600 (23.62)	200 (7.87)	**NSYSPSX6200**
Plinth H 200 (7.87) mm (in.), Set of 2 side panels (x2), AISI 304L	SFX	600 (23.62)	200 (7.87)	**NSYSPSX6200SF**
Plinth H 200 (7.87) mm (in.), Set of 2 side panels (x2), AISI 316L	CRN, S3D, SM, SFN, S3X, SMX, SD, S3HD, SFN HD	300 (11.81)	200 (7.87)	**NSYSPSX3200H**
Plinth H 200 (7.87) mm (in.), Set of 2 side panels (x2), AISI 316L	CRN, S3D, SM, SFN, S3X, SMX, SD, S3HD, SFN HD	400 (15.75)	200 (7.87)	**NSYSPSX4200H**
Plinth H 200 (7.87) mm (in.), Set of 2 side panels (x2), AISI 316L	CRN, S3D, SM, SFN, S3X, SMX, SD, S3HD, SFN HD	500 (19.69)	200 (7.87)	**NSYSPSX5200H**
Plinth H 200 (7.87) mm (in.), Set of 2 side panels (x2), AISI 316L	CRN, S3D, SM, SFN, S3X, SMX, SD, S3HD, SFN HD	600 (23.62)	200 (7.87)	**NSYSPSX6200H**

Stainless-steel plinths (standard plinths **page 403**, ventilated plinths **page 404**) are compatible with steel floor-standing enclosure SM and SFN using an earthing cable section 6 mm², length 220 (8.66) mm (in.), eyelet hole 13 (0.12) mm (in.). Not included in the delivery of the plinths.

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Fixing, Coupling and Composition Accessories

Plinths

Ventilated Plinths, Front and Rear Kit

S3HD SFN HD


NSYSPFVX6200

- The front and rear of the plinth consists of 4 corners with 2 panels.

Supply:
1 kit

Characteristics	Width mm (in.)	References
Ventilated plinths, front and rear kit	600 (23.62)	**NSYSPFVX6200**
Ventilated plinths, front and rear kit	800 (31.50)	**NSYSPFVX8200**
Ventilated plinths, front and rear kit	1200 (47.24)	**NSYSPFVX12200**

Ventilated Plinths, Lateral Kit

S3HD SFN HD


NSYSPLVX4200SF

- They are fixed to the corner of the plinth by fixing screws.

Supply:
1 kit

Characteristics	Depth mm (in.)	References
Ventilated plinths, for floor-standing enclosure	430 (16.93)	**NSYSPLVX4200SF**
Ventilated plinths, for floor-standing enclosure	630 (24.80)	**NSYSPLVX6200SF**

Ventilated Front Plinth

SM SFN
SFN IT

- The front and rear of the ventilated plinth is made up of 4 corners with 2 front panels.
- Material: Folded sheet steel, corner with a thickness of 25 (0.98)/10[e] mm (in.)
- Finish: Structured finish, epoxy polyester powder
- Color: RAL 7022 gray
- Ingress protection rating: IP20 according to IEC 60529
- Mechanical protection rating: IK10 according to IEC 62262


NSYSPFV6100

Supply:
Height 100 (3.94) mm (in.): 4 corners, 2 ventilated panels (front and rear), 4 corner covers and fixing elements

Characteristics	Height mm (in.)	Width mm (in.)	References
Ventilated front plinth	100 (3.94)	600 (23.62)	**NSYSPFV6100**
Ventilated front plinth	100 (3.94)	800 (31.50)	**NSYSPFV8100**

Ventilated Side Panels

SM SFN
SFN IT

- They are fixed to the corner of the plinth by fixing screws.
- Material: Folded sheet steel
- Finish: Structured finish, epoxy polyester powder
- Color: RAL 7022 gray
- Ingress protection rating: IP20 according to IEC 60529
- Mechanical protection rating: IK10 according to IEC 62262


NSYSPV6100

Supply:
Height 100 (3.94) mm: 2 ventilated side panels, 4 corner covers and fixing elements

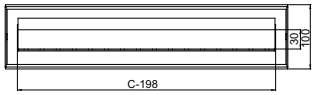
Characteristics	Height mm (in.)	Depth mm (in.)	References
Ventilated side panels	100 (3.94)	600 (23.62)	**NSYSPV6100**
Ventilated side panels	100 (3.94)	800 (31.50)	**NSYSPV8100**

Panels with Brush

SM SFN

- They allow the entry and fixing of cables inside the enclosure, through the plinth.
- Material: Folded sheet steel
- Finish: Structured finish, epoxy polyester powder
- Color: RAL 7022 gray
- Ingress protection rating: IP20 according to IEC 60529
- Mechanical protection rating: IK10 according to IEC 62262


NSYSPB6100



Supply:
Height 100 (3.94) mm (in.): 2 panels with brushes, 4 corner covers and fixing elements

Characteristics	Height mm (in.)	Depth mm (in.)	References
Panels with brush	100 (3.94)	600 (23.62)	**NSYSPB6100**
Panels with brush	100 (3.94)	800 (31.50)	**NSYSPB8100**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Plinths

PLM

- Designed to support and raise enclosures **NSYPLM75G**, **NSYPLM86G** and **NSYPLM108G**.
- Plinth height of 200 (7.87) mm (in.); stackable to obtain a 400 (15.75) mm (in.) plinth.
- Four floor attachment points; symmetry of the parts helps prevent incorrect assembly.
- The front parts of the plinth (front and rear) have two stainless-steel screws protected by a plastic cap; these screws make it possible (using an Allen key) to open and remove the front parts for easier cable installation. In stacked position, the bottom plinth can be partially buried. It is provided with one transverse reinforcement rail, adjustable to adapt to the position of the cables. The reference of the plinth contains all the accessories required for attaching the enclosure to the plinth and for stacking two plinths.
- Material: Polyester reinforced with fiberglass, molded by hot compression
- Ingress protection rating: IP44
- Mechanical protection rating: IK10
- Standards: Helps guarantee full insulation according to IEC 61439-1

PB502788_26_nb

PB502772_25_nb



Characteristics	PLM enclosure	Height mm (in.)	Width mm (in.)	Depth mm (in.)	Reference
Plinth	NSYPLM75G	200 (7.87)	456 (17.95)	302 (11.89)	**NSYZM253G**
Plinth	NSYPLM86G	200 (7.87)	556 (21.89)	302 (11.89)	**NSYZM263G**
Plinth	NSYPLM108G	200 (7.87)	772 (30.39)	352 (13.86)	**NSYZM283G**

Kit for IP54

PLM



NSYAEPZM

Required to obtain IP54 for the plinth and the plinth enclosure coupling.

Characteristics	Reference
Kit for IP54	**NSYAEPZM**

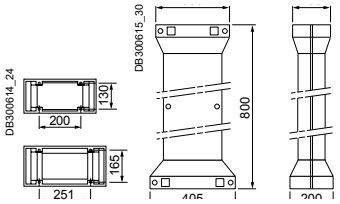
Floor-Mounted Pillar

PLM

To help protect cables entering the enclosure in outdoor installations.
Cable entry section: 165 (6.50) x 100 (3.94) mm (in.).
For enclosures ref. **NSYPLM54G**, **NSYPLM54TG**, **NSYPLM64G** and **NSYPLM64TG**.



NSYSFSPLMG



- Material: Polyester reinforced with fiberglass
- Color: RAL 7035 gray

Supply:
Delivered with steel frame for secure fixing to the floor

Characteristics	Reference
Floor-mounted pillar	**NSYSFSPLMG**

6

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Fixing, Coupling and Composition Accessories

Plinths

ZA Plinths

PLA


PB503709_nb
PB503696_nb

- The front parts of the plinth (front and rear) have two stainless-steel screws protected by a plastic cap; these screws, which can be accessed from the outside, make it possible (using an Allen key) to open and remove the front parts for easier cable installation.
- In stacked position, the bottom plinth can be partially buried.
- It is provided with one or two reinforcement cross-rails, adjustable to adjust to the position of the cables.
- Material: Polyester reinforced with fiberglass
- Color: RAL 7035 gray
- Ingress protection rating: IP44
- Mechanical protection rating: IK10
- Fixing: Four floor attachment points; symmetry of the parts helps prevent incorrect assembly
- Supply: The reference of the plinth contains all the accessories required for attaching the enclosure to the plinth and for stacking two plinths

For floor-standing enclosure			Plinth		Cable gland area		Height 200 (7.87) mm (in.)
W mm (in.)	**D** mm (in.)	References	**W** mm (in.)	**D** mm (in.)	**W** mm (in.)	**D** mm (in.)	References
500 (19.69)	320 (12.60)	**NSYPLA(T)●53G**	494 (19.45)	250 (9.84)	360 (14.17)	205 (8.07)	**NSYZA253G**
750 (29.53)	320 (12.60)	**NSYPLA(T)●73G**	744 (29.29)	250 (9.84)	610 (24.02)	205 (8.07)	**NSYZA273G**
1000 (39.37)	320 (12.60)	**NSYPLA(T)●103G**	994 (39.13)	250 (9.84)	860 (33.86)	205 (8.07)	**NSYZA2103G**
1250 (49.21)	320 (12.60)	**NSYPLA(T)●123G**	1244 (48.98)	250 (9.84)	1100 (43.31)	205 (8.07)	**NSYZA2123G**
500 (19.69)	420 (16.54)	**NSYPLA(T)●54G**	494 (19.45)	350 (13.78)	360 (14.17)	305 (12.01)	**NSYZA254G**
750 (29.53)	420 (16.54)	**NSYPLA(T)●74G**	744 (29.29)	350 (13.78)	610 (24.02)	305 (12.01)	**NSYZA274G**
1000 (39.37)	420 (16.54)	**NSYPLA(T)●104G**	994 (39.13)	350 (13.78)	860 (33.86)	305 (12.01)	**NSYZA2104G**
1250 (49.21)	420 (16.54)	**NSYPLA(T)●124G**	1244 (48.98)	350 (13.78)	1110 (43.70)	305 (12.01)	**NSYZA2124G**
750 (29.53)	620 (24.41)	**NSYPLA(T)●76G**	744 (29.29)	550 (21.65)	610 (24.02)	505 (19.88)	**NSYZA276G**
1250 (49.21)	620 (24.41)	**NSYPLA(T)●126G**	1244 (48.98)	550 (21.65)	1110 (43.70)	505 (19.88)	**NSYZA2126G**

ZZ Plinths

PHD


PB503698_nb
PB503697_nb

- The front parts (front and rear) are removed from the inside. Removing them makes it easier to install the cables.
- The 500 (19.69) mm (in.) plinth can be partially buried.
- It is provided with one or two reinforcement cross-rails, adjustable to adapt to the position of the cables.
- Material: Polyester reinforced with fiberglass
- Color: RAL 7035 gray
- Ingress protection rating: IP44
- Mechanical protection rating: IK10
- Fixing: Four floor attachment points; symmetry of the parts helps prevent incorrect assembly
- Supply: The reference of the plinth contains all the accessories required for attaching the enclosure to the plinth

(1) For enclosures using ZZ or ZH type plinths the coupling kit to use is the **NSYMUPLA●●●W**.

For floor-standing enclosure			Plinth		Cable gland area		Height 200 (7.87) mm (in.)	Height 500 (19.69) mm (in.)
W mm (in.) **(B)**	**D** mm (in.) **(C)**	References	**W** mm (in.)	**D** mm (in.)	**W** mm (in.)	**D** mm (in.)	References	References
500 (19.69)	320 (12.60)	**NSYPLAZ(T)●53G**	535 (21.06)	310 (12.20)	419 (16.50)	252 (9.92)	**NSYZZ253G**	**NSYZZ553G**
750 (29.53)	320 (12.60)	**NSYPLAZ(T)●73G**	785 (30.91)	310 (12.20)	669 (26.34)	252 (9.92)	**NSYZZ273G**	**NSYZZ573G**
1000 (39.37)	320 (12.60)	**NSYPLAZ(T)●103G**	1035 (40.75)	310 (12.20)	919 (36.18)	252 (9.92)	**NSYZZ2103G**	**NSYZZ5103G**
1250 (49.21)	320 (12.60)	**NSYPLAZ(T)●123G**	1285 (50.59)	310 (12.20)	1169 (46.02)	252 (9.92)	**NSYZZ2123G**	**NSYZZ5123G**
500 (19.69)	420 (16.54)	**NSYPLAZ(T)●54G**	535 (21.06)	410 (16.14)	419 (16.50)	352 (13.86)	**NSYZZ254G**	**NSYZZ554G**
750 (29.53)	420 (16.54)	**NSYPLAZ(T)●74G**	785 (30.91)	410 (16.14)	669 (26.34)	352 (13.86)	**NSYZZ274G**	**NSYZZ574G**
1000 (39.37)	420 (16.54)	**NSYPLAZ(T)●104G**	1035 (40.75)	410 (16.14)	919 (36.18)	352 (13.86)	**NSYZZ2104G**	**NSYZZ5104G**
1250 (49.21)	420 (16.54)	**NSYPLAZ(T)●124G**	1285 (50.59)	410 (16.14)	1169 (46.02)	352 (13.86)	**NSYZZ2124G**	**NSYZZ5124G**
750 (29.53)	620 (24.41)	**NSYPLAZ(T)●76G**	785 (30.91)	610 (24.02)	669 (26.34)	552 (21.73)	**NSYZZ276G**	-
1250 (49.21)	620 (24.41)	**NSYPLAZ(T)●126G**	1285 (50.59)	610 (24.02)	1169 (46.02)	552 (21.73)	**NSYZZ2126G**	-

N Plinths

PLA


NSYZNPLA53G

Designed to be installed under the closed bottom enclosures (version PLA).

- Material: Polyester reinforced with fiberglass
- Color: RAL 7035 gray
- Height 60 (2.36) mm (in.)

Supply:
Delivered with fixings required for installation

Characteristics	References
N plinths	**NSYZNPLA53G**
N plinths	**NSYZNPLA73G**
N plinths	**NSYZNPLA103G**
N plinths	**NSYZNPLA123G**
N plinths	**NSYZNPLA54G**
N plinths	**NSYZNPLA74G**
N plinths	**NSYZNPLA104G**
N plinths	**NSYZNPLA124G**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Fixing, Coupling and Composition Accessories

Plinths

Connectors Between Plinths

PLAT

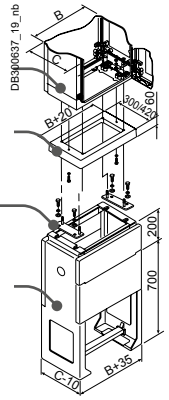
Description: Designed to allow the adaptation of a closed bottom enclosure
+ N plinth on a H-type partially buried plinth.

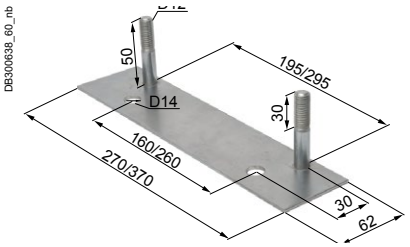
NSYPLA or **NSYPLAT** not for **NSYPLAZ●●●**

NSYZNPLA●●●

NSYAZ●●●

NSYZHPLA●●●





Supply:
Two parts for adapting the center-to-center distances.


NSYAZ3PLA

Characteristics	For floor-standing enclosure Depth mm (in.)	References
Linking parts for N plinth on 320 (12.60) mm (in.) H plinth	320 (12.60)	**NSYAZ3PLA**
Linking parts for N plinth on 420 (16.54)mm (in.) H plinth	420 (16.54)	**NSYAZ4PLA**

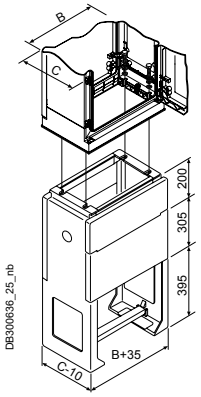
Buriable H Plinths

PLA


NSYZHPLA53G


NSYZHPLA53G

- Front panel with a height of 170 (6.69) mm (in.), retractable, providing easy access to the inside.
- Fixed front panel with a height of 305 (12.01) mm (in.), corresponding to the finished floor height area.
- The height above the floor after built-in varies between 200 (7.87) and 500 (19.69) mm (in.).
- A metal rail helps to fix the entry cables.
- Lateral uprights with knock-out auxiliary output with Ø Pg 36 (48 (1.89) mm (in.)).
- A knock-out area is provided at the bottom of the lateral uprights for cable entry, if necessary.
- Material: Polyester reinforced with fiberglass
- Color: RAL 7035 gray



Supply:
Delivered with the fixings required for installation

Characteristics	References
Buriable H plinths	**NSYZHPLA53G**
Buriable H plinths	**NSYZHPLA73G**
Buriable H plinths	**NSYZHPLA103G**
Buriable H plinths	**NSYZHPLA123G**
Buriable H plinths	**NSYZHPLA54G**
Buriable H plinths	**NSYZHPLA74G**
Buriable H plinths	**NSYZHPLA104G**
Buriable H plinths	**NSYZHPLA124G**

Outside Opening Kit

PLAZT

- Description: The 200 (7.87) mm (in.) front part of the 200 (7.87) and 500 (19.69) mm (in.) plinths can be opened from the outside, after installing a set of two locks with double-bar insert.


NSYAELZ

Characteristics	References
Outside opening kit	**NSYAELZ**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Fixing, Coupling and Composition Accessories

Accessories for Plinths

Feet for Partially Buried Installation

PLM PLA



Description: Allows the partially buried installation of plinths before completion of the floor. The plinths are attached by four feet with a standard length of 750 (29.53) mm (in.). Option of horizontal adjustment of the plinth.

Supply:
Kit includes four feet and fixings.

Characteristics	References
Feet for partially buried installation	**NSYAEBFZ**

Fixing to the Floor

SM SFN



NSYSGF



NSYSGF_01_nb



NSYSGF_02_nb

- Part for fixing the plinth to the floor if the drillholes made in the plinth cannot be used.
- Material: Steel
- Finish: Zinc-coated

Supply:
4 pieces, fixing element not supplied

Characteristics	References
Fixing to the floor	**NSYSGF**

Plinth Cross-Rail Support

SM SFN



NSYSPCR_nb

Comment:
Reference by unit Order by multiples of 12 (12, 24, 36…)



NSYSPCR

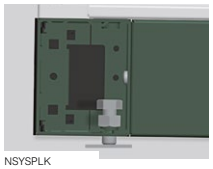
- Support for fixing a cross-rail inside the plinth.
- Material: Steel
- Finish: Zinc-coated

Supply:
12 pieces and fixing elements

Characteristics	References
Plinth cross-rail support, 100 (3.94) mm (in.)	**NSYSPCR**

Fixing Options, Levelling the Plinth

SFN



NSYSPLK

- The plinth allows levelling by means of a M12 screw.

Characteristics	References
Levelling the plinth	**NSYSPLK**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Fixing, Coupling and Composition Accessories

Floor Fixing Accessories

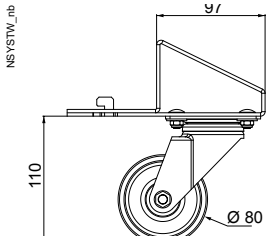
Transport Casters

CRN S3D SM SFN SD



NSYSTW

- Quick installation on plinths with heights of 100 (3.94) and 200 (7.87) mm (in.), except the plinth for enclosure sets.
- They can be installed in front or side position.
- Clipping and fixing to the corner by screws.
- For use on flat surfaces.
- Height: 110 (4.33) mm (in.).
- Maximum load: 200 (440.9) kg (lbs.) per caster.



Supply:
4 transport casters
(2 with a blocking system)
and fixing elements

Characteristics	References
Transport casters	**NSYSTW**

Enclosure Casters

SM SFN SMX SFX SD



NSYSW

- Double casters.
- Height: 92 (3.62) mm (in.).
- Diameter: 64 (2.52) mm (in.).
- Maximum load:
  180 (396.8) kg (lbs.) per caster
  720 (1587.3) kg (lbs.) when it is installed directly on the upright,
  400 (881.8) kg (lbs.) when it is installed on the frame.

Supply:
4 casters and fixing elements

Characteristics	References
Enclosure casters	**NSYSW**

Levelling Feet

SM SFN SMX SFX SD



NSYSPSJ

- Height: 42 (1.65) mm (in.).
- Material: Steel.
- Maximum load: 400 (881.8) kg (lbs.) per foot.

Supply:
Set of 4 floor feet

Characteristics	References
Levelling feet fixed	**NSYSPSJ**

Levelling Feet

SM SFN SMX SFX SD



NSYSPRJ

- Height: 22 (0.87) mm (in.).
- Maximum load: 400 (881.8) kg (lbs.) per foot.

Supply:
Set of 4 floor feet

Characteristics	References
Levelling feet adjustable	**NSYSPRJ**

Hygienic Stainless-Steel Feet

SM SFN SMX SFX SD



NSYPHX200

- Recommended for applications that require special hygiene conditions.
- Material: 316L stainless-steel.
- Installation: Adjustable between 140 (5.51) mm (in.) and 200 (7.87) mm (in.) in height.
- Maximum load: 200 (440.9) kg (lbs.) per foot.

Supply:
Set of 4 hygienic feet

Characteristics	References
Hygienic stainless-steel feet	**NSYPHX200**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Cable Management Accessories

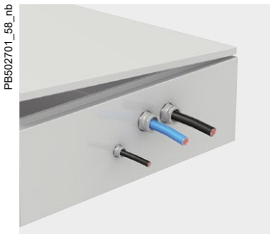
Cable Entries Key Features

Key Features When Selecting a Cable Entry (1/4)

1



Multiple



Single

Multiple Cable Entries or Single Cable Entries?

- This choice depends on the number of cables going through the cable entry: Generally, for 3 or more cables, choose a multiple cable entry. This will make your installation faster and more economical.
- In other words, your final costs will not necessarily be lower if you use single cable entry!
- Flexibility of installation: For high flexibility, multiple cable entry is the right choice.

2

Cable Entry Material

- **Soft membranes** allow cables to be easily pushed through, but still offer a good IP rating and protection from moisture and physical intrusion. Cable retention force, however, is lower than with other alternatives.



Push the Membrane into a Standard Hole



Make a Small Hole in the Membrane



Push the Cable or Tube through the Guide Hole



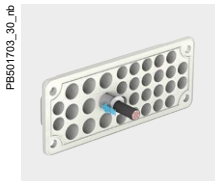
Pull the Cable or Tube Back Some 20 (0.79) mm (in.) to Lock It

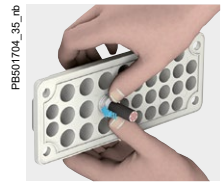
- **Hard-plastic cable entry plates** require tools to create the opening (drill or knife) but, thanks to the cable gland, they offer a very high retention force. Another use of this solution is for public places, since the hard surface helps prevent objects being pushed in.



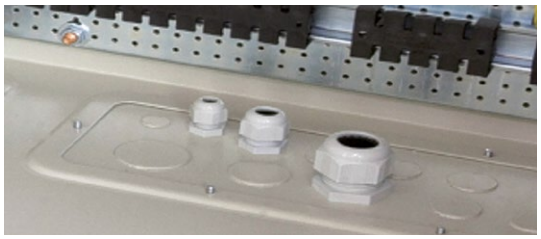
- **Combined: The material of the cable entry plate is hard-plastic,** but the cable is pushed through a soft membrane. In this case you have the advantages of both soft membranes (easy and fast installation, flexibility) and hard-plastic membranes (high retention force when using specific cable clamps).







3



Cable Glands to Be Fitted

- Some multiple cable entries require a cable gland to be able to retain the cables and help ensure the degree of protection

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Key Features When Selecting a Cable Entry (2/4)

4


PB500305_30_nb

Installation Options

There are 4 ways to install your cable entries on the enclosure:

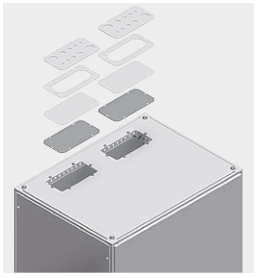
- **Using a cable entry:**
  The standard cable gland plate of your S3D wall-mounted enclosure is unscrewed and replaced by the cable entry.
  A gasket between enclosure and cable entry will help ensure good water and dust tightness.


PB500023_35_nb

- **Modifying the standard cable gland plate:**
  The standard cable gland plate is unscrewed and machined. A cut-out is made.


PB500462_44_nb

- **On cable gland plate adapter:**
  This plate, which has the outer dimensions of a standard cable gland plate, has one or more pre-cut cut-outs of standard dimensions (FL13 and FL21).
  On steel wall-mounted enclosures, the plate can replace the standard cable gland plate once the cable entry is fitted into it. On polyester enclosures, a cut-out must be created. Schneider Electric provides this service: a precise laser cut-out can be made at the factory upon request.
  On steel floor-standing enclosures, you may either use the specific cable gland roof or create a cut-out (see expert's tip 1 - page 413).


PB500599_37_nb

Cable gland plate adapters		
Enclosure range	**1 membrane**	**2 membranes**
PanelSeT S3D	PB500604_16_nb  **NSYTL●FL**	PB500604_15_nb  **NSYTL●2FL**

- Drilling directly the enclosure: A cut-out is created on the enclosure's side according to the cable entry's dimensions (see expert's tip 1 - page 413).


PB500358_108_nb

Spotlight On…
FL13 and FL21 are standard cut-out dimensions frequently used in northern European countries and also used by our enclosures for several years now.

6

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Cable Management Accessories

Cable Entries Key Features

Key Features When Selecting a Cable Entry (3/4)

PB502710_32_nb



Full Flexibility

PB500946_35_nb



Medium Flexibility

5 Flexibility of the installation

- **Full flexibility:**
  This means that cables can be added/removed easily, changing:
  - quantity
  - diameter
  - position

  (see expert's tip 2, page 413)
- **Medium flexibility:**
  - The amount, diameter or position of cables can be changed to a limited extent.
- **Low flexibility:**
  - It is not possible to change the above parameters.

6 Reversibility

- **Full reversibility:** This means that cables can be added/ removed easily without losing their initial characteristics, such as water tightness.
- **Medium reversibility:** For soft membranes, once the cable has been removed, there may be a loss of IP degree depending on the size of the cable and the cut. For hard-plastic entries or combined material entries, initial characteristics are regained by adding plugs.
- **Low reversibility:** The cable entry must be completely replaced in order to regain the initial characteristics.

7 Degree of Protection (IP)

- If an enclosure is to be used in a clean, dry and well insulated environment, lower levels of IP may be acceptable (IP54 or IP55).
- In a dusty environment, a higher IP level such as IP65 or IP68 may be required **(see expert's tip 4, page 413)**.

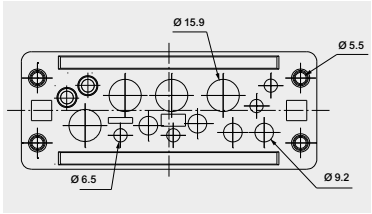
8 Cable Retention

- Choose the right level of cable retention according to your needs. For locations accessible to the public, preferably choose a high level of cable retention.

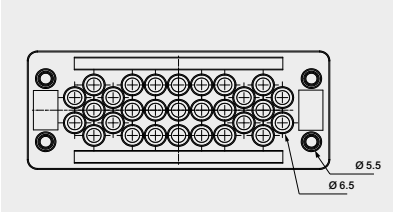
9 Cable Diameter

- Choose the cable entry seal according to the cable diameter. Take into account cable diameter tolerances.

DB300404_42_nb



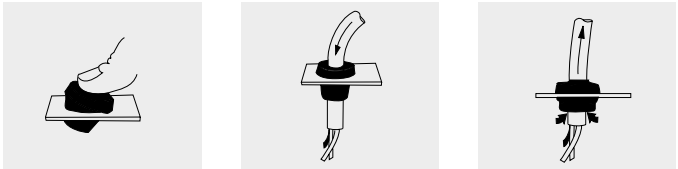
DB300406_41_nb



10 Cable Installation Time

- Each cable entry has different installation characteristics. Some can be installed easily and quickly thanks to the soft membrane. Take this into account depending on labour costs in your region.

DB300413_53_nb



Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Key Features When Selecting a Cable Entry (4/4)

PB502711_30_nb



PB502712_31_nb



PB502713_34_nb



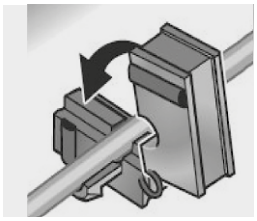
11 Number of Cables for a Given Surface

- For some installations, a large quantity of cables must go through the cable entry. Some cable entries can handle a high density of cables, which can result in a more economical installation (fewer cable entries to be purchased). For small enclosures, it may simply be impossible to install too many cable entries due to the available space on the enclosure's wall **(see expert's tip 3, page 413)**.

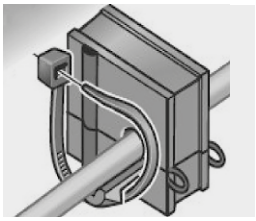
12 Cable Entries for Cables with Connectors

- Some cables have large connectors which cannot be pushed through tight cable clamps or cable seals. These cable entries have the unique advantage of not
requiring the cable to be cut, thanks to the snap-fitting system.

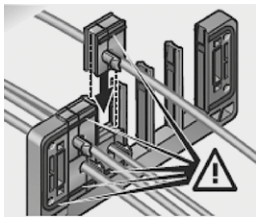
DB300410_nb



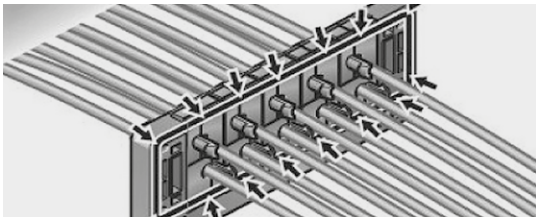
DB300410_nb



PB502714_nb



PB502715_nb



A High Cable Retention Force Is Provided Thanks to the Integrated Cable Fastener

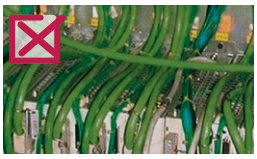
Expert's Tip

Specific Configured

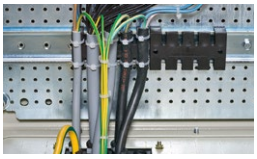
PB502716_53_nb



PB502717_50_nb



PB500966_50_nb



PB500965_44_nb



1. Some cable entries require cut-outs to be machined on the enclosure or cable gland plate. Our customized offer provides this service. The quality of your enclosure will therefore be improved since the painting operation is performed after creating the cut-outs.

2. Installing a cable entry with full flexibility is the solution when a large number of enclosures is being prepared for different types of installations. By using one combination of enclosure cable entries, you can cover a large variety of installations!

3. When the cable entry has been defined, the next step is cable management inside the enclosure. For correct thermal management, all cables must be fitted and attached so as not to create an obstacle for correct air flow. Consult our Universal Enclosures catalog for cable management accessories (such as cable ducts) and consumables (such as cable ties).

4. If your environment requires a high IP level for your installation, make sure you have an appropriate thermal management system to avoid condensation or overheating problems. Consult our Thermal Management offer in our Universal Enclosures catalog and our Control Panel Technical Guide related to this issue.

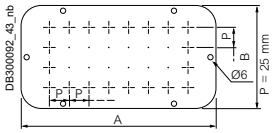
Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Cable Management Accessories

Cable Gland Plates

Standard Cable Gland Plates

S3D SFN



- Plate delivered as standard with the PanelSeT S3D universal enclosure.
- Drilling marks with 25 (0.98) mm (in.) spacing.
- Material: Steel, structured finish RAL 7035 gray
- Thickness: 15 (0.59)-20 (0.79)/10[e] mm (in.)
- Ingress protection rating: IP66 according to IEC 60529
- Fixing: Fixing by 4, 6, 8, 10 or 12 screws, according to the model

Supply:
Delivered with sealing gasket and fixing hardware


NSYTLA

Characteristics	Enclosures mm (in.)		Type	Width (A) mm (in.)	Depth (B) mm (in.)	Number of markings	Number of Ø 6 holes	References
	Width	Depth						
Standard	200 (7.87)- 250 (9.84)	150 (5.91)	A	140 (5.51)	80 (3.15)	4	4	**NSYTLA**
Standard	300 (11.81)- 400 (15.75)	150 (5.91)	B	245 (9.65)	80 (3.15)	7	4	**NSYTLB**
Standard	300 (11.81)	200 (7.87)	C	245 (9.65)	130 (5.12)	21	6	**NSYTLC**
Standard	400 (15.75)	200 (7.87)-250 (9.84)	D	345 (13.58)	130 (5.12)	33	8	**NSYTLD**
Standard	500 (19.69)	200 (7.87)-250 (9.84)	E	445 (17.52)	130 (5.12)	45	8	**NSYTLE**
Standard	600 (23.62)	200 (7.87)-250 (9.84)	F	545 (21.46)	130 (5.12)	57	10	**NSYTLF**
Standard	600 (23.62)	300 (11.81)-400 (15.75)	G	495 (19.49)	220 (8.66)	102	12	**NSYTLG**
Standard	800 (31.50)	250 (9.84)-300 (11.81)-400 (15.75)	D	345 (13.58)	130 (5.12)	-	-	2x **NSYTLD**
Standard	1000 (39.37)-1200 (47.24)	300 (11.81)-400 (15.75)	E	445 (17.52)	130 (5.12)	-	-	2x **NSYTLE**

CRN

- The cable gland plate for PanelSeT CRN guarantees water and dust tightness.
- Material: Steel
- Color: RAL 7035 gray
- Installation: Fixing with screws, it is flattened with the body
- Type E: Enclosure with 2 entries

Supply:
Included as a standard with the PanelSeT CRN enclosure It is delivered with a separate seal: It allows easy cut-outs with no risk of damaging the seal and can be easily repainted


NSYTLCRNO

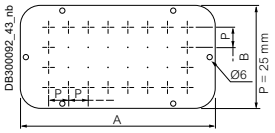
Characteristics	Width mm (in.)	Depth mm (in.)	To be coupled with entry	References
Standard cable gland plate	200 (7.87)	150 (5.91)	0	**NSYTLCRNO**
Standard cable gland plate	250 (9.84)	150 (5.91)/200 (7.87)	A	**NSYTLCRNA**
Standard cable gland plate	300 (11.81)	150 (5.91)/200 (7.87)	B	**NSYTLCRNB**
Standard cable gland plate	400 (15.75)/500 (19.69)	150 (5.91)	B	**NSYTLCRNB**
Standard cable gland plate	400 (15.75)	200 (7.87)/250 (9.84)	C	**NSYTLCRNC**
Standard cable gland plate	500 (19.69)/600 (23.62)	200 (7.87)/250 (9.84)/ 300 (11.81)	D	**NSYTLCRND**
Standard cable gland plate	800 (31.50)	200 (7.87)/250 (9.84)/ 300 (11.81)	E	**NSYTLCRNC**

6

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Aluminum Cable Gland Plate

S3D



- Suitable for non-magnetic applications.
- Material: Brushed-finish aluminum
- Thickness: 30 (1.18)/10[e] mm (in.)
- Ingress protection rating: IP66 according to IEC 60529
- Fixing: Fixing by 4, 6, 8, 10 or 12 screws, according to the model´

Supply:
Delivered with sealing gasket and fixing hardware

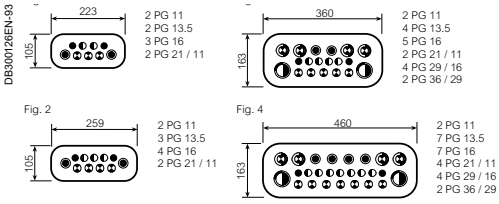
NSYTLAU

Characteristics	Enclosures mm (in.)		Type	Width (A)	Depth (B)	Number of Ø 6 holes	References
	Width	Depth					
Aluminum cable gland plate	300 (11.81)-400 (15.75)	150 (5.91)	B	245 (9.65)	80 (3.15)	4	**NSYTLBU**
Aluminum cable gland plate	600 (23.62)	200 (7.87)-250 (9.84)	F	545 (21.46)	130 (5.12)	10	**NSYTLFU**
Aluminum cable gland plate	600 (23.62)	300 (11.81)-400 (15.75)	G	495 (19.49)	220 (8.66)	12	**NSYTLGU**

Insulated Cable Gland Plates

CRN

- With a polyurethane sealing gasket.
- Excellent thermal resistance.
- Pre-marked holes for cable entrie plates.
- Material: Self-extinguishing ABS with 30% fiberglass
- Color: RAL 7035 gray
- Installation: Pre-marked holes with diameter Pg for coupling of cable glands, membrane glands, tubes, etc
- For type E cable entry, use two **NSYTSACRNC**.




NSYTSACRNA

Characteristics	Fig.	Width mm (in.)	Depth mm (in.)	To be coupled with entry	References
Insulated cable gland plate	2	300 (11.81)	150 (5.91)/200 (7.87)	B	**NSYTSACRNB**
Insulated cable gland plate	3	400 (15.75)/500 (19.69)	150 (5.91)	B	**NSYTSACRNB**
Insulated cable gland plate	3	400 (15.75)	200 (7.87)/250 (9.84)	C	**NSYTSACRNC**
Insulated cable gland plate	4	500 (19.69)/600 (23.62)	200 (7.87)/250 (9.84)/ 300 (11.81)	D	**NSYTSACRND**
Insulated cable gland plate	3	800 (31.50)	200 (7.87)/250 (9.84)/ 300 (11.81)	E [2]	**NSYTSACRNC**

Fig. 1

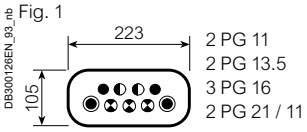


Fig. 2

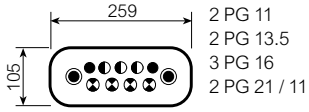


Fig. 3

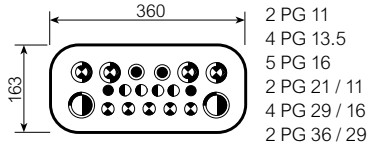
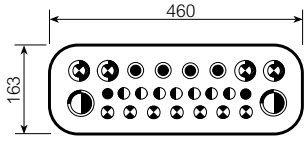
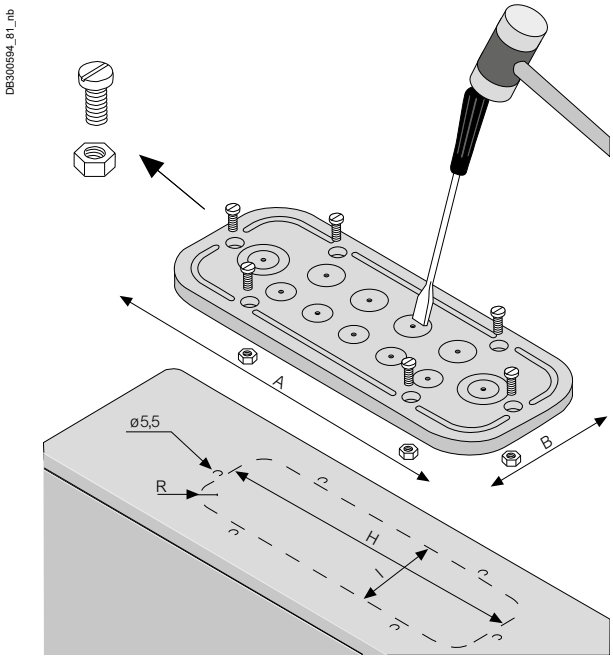


Fig. 4





- PG 11 (18.6 (0.73) mm (in.))
- PG 16 (20.4 (0.80) mm (in.))
- PG 16 (22.5 (0.89) mm (in.))
- PG 21 / 11 (28.3 (1.11) / 18.6 (0.73) mm (in.))
- PG 29 / 16 (37 (1.46) / 22.5 (0.89) mm (in.))
- PG 36 / 29 (47 (1.85) / 37 (1.46) mm (in.))

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

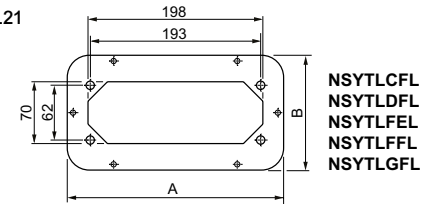
Cable Management Accessories

Cable Gland Plates

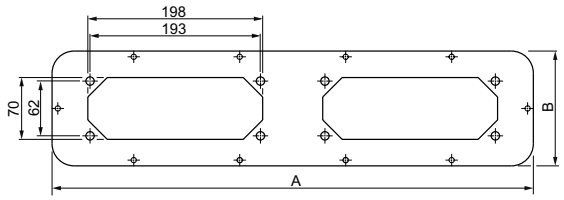
Steel Adapter Plate for FL21 Membranes

S3D SFN

FL21

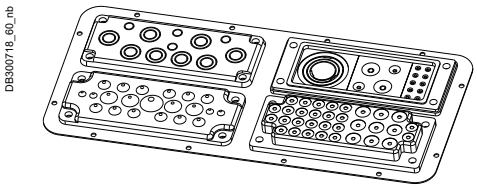


NSYTLCFL
NSYTLDFL
NSYTLFEL
NSYTLFFL
NSYTLGFL



NSYTLF2FL
NSYTLG2FL

Application Example



Our membrane can be easily adapted to fit onto all our metal enclosures using the adapter plate.

- Allows the mounting of FL13 and FL21 membranes on every type of enclosure.
- Our membrane can be easily adapted to fit onto all our metal enclosures using the adapter plate.
- Ingress protection rating IP55 according to IEC 60529.
- Cut-outs for installation of membranes type FL 21 (Cut-out FL13 for depth 150 (5.91) mm (in.); And cut-out FL21 for other depths).
- Material: Steel, structured finish RAL 7035 gray
- Thickness: 15 (0.59)/10[e] mm (in.)
- Fixing: Fixing by 4, 6, 8, 10 or 12 screws, according to the model
- **NSYTLG2FL** with 2 FL21 cut-outs

Supply:
Delivered with fixing screws and gasket



NSYTLCFL

Characteristics	Type	Plate dimensions mm (in.)		Cut-out dimensions mm (in.)		References
		A	B	H	I	
Steel adapter plate for FL21 membranes	C	245 (9.65)	130 (5.12)	212 (8.35)	97 (3.82)	**NSYTLCFL**
Steel adapter plate for FL21 membranes	D	345 (13.58)	130 (5.12)	312 (12.28)	97 (3.82)	**NSYTLDFL**
Steel adapter plate for FL21 membranes	E	445 (17.52)	130 (5.12)	412 (16.22)	97 (3.82)	**NSYTLEFL**
Steel adapter plate for FL21 membranes	F	545 (21.46)	130 (5.12)	512 (20.16)	97 (3.82)	**NSYTLFFL**
Steel adapter plate for FL21 membranes	F	545 (21.46)	130 (5.12)	512 (20.16)	97 (3.82)	**NSYTLF2FL**
Steel adapter plate for FL21 membranes	G	495 (19.49)	220 (8.66)	462 (18.19)	187 (7.36)	**NSYTLGFL**
Steel adapter plate for FL21 membranes	G	495 (19.49)	220 (8.66)	462 (18.19)	187 (7.36)	**NSYTLG2FL**
Steel adapter plate for FL21 membranes	D	345 (13.58)	130 (5.12)	312 (12.28)	97 (3.82)	2x **NSYTLDFL**
Steel adapter plate for FL21 membranes	E	445 (17.52)	130 (5.12)	412 (16.22)	97 (3.82)	2x **NSYTLEFL**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

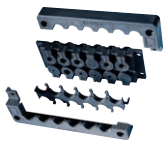
Cable Management Accessories

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Cable Management Accessories

Cable Entries Selection Table

• For details enter the reference into the search engine of www.se.com

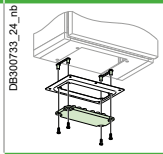
Characteristics	FlexiCable	Multi-A	Multi-C	Multi-R	Multi-CS	Multi-T
	 PB501865_16_nb	 PB501700_35_nb	 PB500024_33_nb	 PB500023_21_nb	 PB503490_nb	 NSYAECPFLT25
	Full membrane cable gland plate	**FL21 type membranes**	**Circular connector-free entries**	**Rectangular connector-free entries**	**Modular entry allowing the passing of up to 48 pre-assembled cables**	**FL21-type membranes**
Material	HCE for membrane. Steel for frame	TPE, SBS, SEBS and PP co-polymer - halogen-free	Polyamide	Polyamide	Reinforced polypropylene and TPE. halogen-free	TPE
Color	Frame: RAL 7035 gray	RAL 7035 gray	-	-	Black	RAL 7035 gray
Cable entry material	Soft membrane	Combined	Soft membrane			
Cable glands to be fitted	No	Optional: Specific cable clamp ref. **NSYAECPFLACA●●** to be used	No	No	No	No
Installation options	Replaces cable gland plate (S3D) or directly on enclosure	On cable gland plate adapter or directly on enclosure	On modified cable gland plate or directly on enclosure	On cable gland plate with special cut-out or directly on enclosure	On cable gland plate adapter or directly on enclosure	
Flexibility of the installation	Full	Medium	Medium	Medium	Full	Medium
Reversibility	Medium	Medium	Full	Full	Full	Medium
Ingress protection rating	IP55 according to IEC 60529	IP65 according to IEC 60529	IP65 according to IEC 60529	IP65 according to IEC 60529	IP65 according to IEC 60529	IP66 according to IEC 60529*
Cable retention	Low	High with cable clamp, (up to 18 daN)	Medium	Medium	Medium	Low
Cable diameter mm (in.)	Up to 26 (1.02)	From 16 (0.63) to 30 (1.18)	From 3 (0.12) to 15.9 (0.63)	From 4.3 (0.17) to 15.9 (0.63)	Up to 22 (0.87)	From 5 (0.20) to 60 (2.36)
Cable Installation time	Fast	Medium	Fast	Fast	Fast	Fast
Quantity of cables to be fitted for a given surface	+++	++	++	++	+++	++
Cable entries for cables with connectors	No	No	No	No	Yes	No
Cut-out dimensions mm (in.)	178 (7.01) x 63 (2.48) to 478 (18.82) x 63 (2.48)	214 (8.42) x 90 (3.54) (FL21)	Ø 50.5 (1.99) Ø 63.5 (2.50)	112 (4.41) x 36 (1.42)	112 (4.41) x 36 (1.42)	214 (8.42) x 90 (3.54) (FL21)
External dimensions mm (in.)	245 (9.65) x 130 (5.12) to 545 (21.56 x 130 (5.12) or 495 (19.49) x 220 (8.66)	216 (8.50) x 84 (3.31)	Ø 58 (2.28) Ø 71 (2.80)	146 (5.75) x 14 (0.55) x 58 (2.28)	148 (5.83) x 58 (2.28) x 15 (0.59) 148 (5.83) x 58 (2.28) x 18 (0.71)	214 (8.42) x 88 (3.46)
Certificates	Tested on short-circuit effect 250 A, 25 kA following IEC 61439-1	Cable anchorage pull test: EN 50262. Long term UV- resistance: ASTM G 154-06	UL recognized (UsR)	UL recognized (UsR)	-	-
Fire resistance	650°C (1202°F)	750°C (1382°F)	650°C (1202°F)	650°C (1202°F)	-	650°C (1202°F)
Temperature range	-	-40°C (-40°F) to +85°C (185°F)	-	-	-30°C (-22°F) to +100°C (212°F)	-40°C (-40°F) to +100°C (212°F)
References	**See page 422 NSYTL●●●**	**See page 422 NSYAECPFLA●●**	**See page 423 NSYTSAM●●●●●**	**See page 423 NSYTSA24●●●●**	**See page 425 NSYDCD24●●**	**See page 424 NSYAECPFL●●●**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Cable Management Accessories

Cable Entries Selection Table

- For further information please have a look on the next page

Characteristics	PrismaSeT	Multi-H
	 DB300733_24_nb	 PB500944_17_nb
	FL21 or rectangular	**FL21 insulated flange with ISO knock-outs**
Material	Insulated material	Polycarbonate glass-fiber reinforced
Color	RAL 9003	RAL 7035 gray
Cable entry material	Soft membrane	
Cable glands to be fitted	No	Yes
Installation options	On cable gland plate adapter or directly on enclosure	
Flexibility of the installation	Medium	Low
Reversibility	Medium	Medium
Ingress protection rating	IP55 according to IEC 60529	IP65 according to IEC 60529
Cable retention	Low	High (with cable clamp)
Cable diameter mm (in.)	From 28 (1.10) to 60 (2.36) (FL21) From 7 (0.28) to 72 (2.83) (rectangular)	From 12 (0.47) to 25 (0.98)
Cable Installation time	Fast	Slow
Quantity of cables to be fitted for a given surface	++	++
Cable entries for cables with connectors	No	No
Cut-out dimensions mm (in.)	214 (8.42) x 90 (3.54) (FL21)	214 (8.42) x 90 (3.54) (FL21)
External dimensions mm (in.)	216 (8.50) x 84 (3.31)	215 (8.46) x 85 (3.35)
Certificates	-	-
Flame resistance	-	750°C (1382°F)
Temperature range	-	• For normal operation: -40°C (-40°F) to +80°C (176°F) • For a short time: -40°C (-40°F) to +120°C (248°F)
References	**See page 426** **LVS088●●**	**See page 424** **NSYTSAKFL**

6

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Cable Management Accessories

Cable Entries Selection Table

• For details enter the reference into the search engine of www.se.com

Characteristics	Simple-1	Simple-2	Simple-3	Simple-5
	ISM71074 	NSYECPC15 	IMT36179 	ISM71503 
	Mixed membrane entries for enclosure thickness 20 (0.79)/10[e] - 32 (1.26)/10[e] mm (in.)	**PVC adjustable cone-shaped entries for enclosure thickness 30 (1.18)/10[e] - 32 (1.26)/10[e]** mm (in.)	**Quick cable entries for enclosure thickness 10 (0.39)/10[e] - 40 (1.57)/10[e]** mm (in.) **(5 (0.20)/10[e] - 20 (0.79)/10[e]** mm (in.) **for ref. IMT36179)**	**ISO cable gland**
Material	SBS	PVC	EPDM plastic	PA6 Polyamide, neoprene gasket
Color	RAL 7035 gray or RAL 9010 white	-	Gray cable entries: NCS 5500 Black cable entries: NCS 9000	RAL 7035 gray
Cable entry material	Soft membrane		Combined	
Cable glands to be fitted	Not applicable			
Installation options	On cable gland plate or directly on enclosure			
Flexibility of the installation	Low			
Reversibility	Medium			
Ingress protection rating	IP55 according to IEC 60529	IP55 according to IEC 60529	IP67 according to IEC 60529	IP66 o IP68-5BARS TYPE 4X (cULus) UL50E
Cable retention	Low	Low	Medium	High
Cable diameter mm (in.)	From 20 (0.79) to 40 (1.58)	From 5 (0.20) to 87 (3.42)	From 12 (0.47) to 50 (1.97)	From 12 (0.47) to 40 (1.58)
Cable Installation time	Fast	Fast	Fast	Slow
Quantity of cables to be fitted for a given surface	+	+	+	+
Cable entries for cables with connectors	No	No	No	No
Cut-out dimensions mm (in.)	Various circular hole diameters according to cable diameter			
External dimensions mm (in.)	From Ø 23 (0.91) to 44 (1.73)	From Ø 25 (0.98) to 98 (3.86)	From Ø 12.5 (0.49) to 50.7 (2.00)	From Ø 15 (0.59) to 46 (1.81)
Certificates	-	-	-	-
Standard	-	-	-	Compliance with UL
Flame resistance	750°C (1382°F)	-	750°C (1382°F)	750°C (1382°F)
References	**See page 427 IMT36●●●/I SM71●●●**	**See page 427 NSYECPC●●**	**See page 428 IMT361●●**	**See page 428 ISM71●●●**

Characteristics	Synthetic snap-in cable gland	Stainless-steel cable gland with lamellar insert
	NSYCGSP16 	NSYCGX12 
	Without thread. Easy assembly and disassembly. Suitable for walls from 0.5 (0.02) to 4 (0.16) mm (in.) **thick.**	**Lamellar technology provides excellent resistance to traction as well as excellent torsional protection. For outdoor use, or for aggressive environments.**
Material	PA6 Polyamide, neoprene gasket	Stainless-steel AISI 304L or AISI 316L, neoprene gasket
Color	RAL 7035 gray, RAL 7001, RAL 9005. Other colors on demand	-
Cable entry material	Non armoured	Non armoured
Installation options	On cable gland plate or directly on enclosure	
Flexibility of the installation	Low	
Reversibility	Medium	
Ingress protection rating	IP68	IP68
Cable retention	High	High
Cable diameter mm (in.)	From 16 (0.63) to 40 (1.58)	From 12 (0.47) to 40 (1.58)
Cable Installation time	Slow	Slow
Quantity of cables to be fitted for a given surface	+	+
Cable entries for cables with connectors	No	No
Thread type	Metric EN 60423, other types are available on demand	Metric EN 60423
Cut-out dimensions mm (in.)	Various circular hole diameters according to cable diameter	
External dimensions mm (in.)	From Ø 22 (0.87) to 46 (1.81)	From Ø 14 (0.55) to 43 (1.69)
Certificates	UL recognized (cURus). Rated Type 4X according UL50E	UL recognized (cURus). Rated Type 4X according UL50E
Standard	DIN EN 62444, UL 514B, UL 514B§8.26.7	DIN EN 62444, UL 514
Temperature range	-20°C (-4°F) to + 100°C (212°F)	-20°C (-4°F) to + 100°C (212°F)
References	**See page 429, NSYCGSP●●**	**See page 429, NSYCGX●●●**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Cable Management Accessories

Cable Entries Selection Table

Characteristics	Multi-cable disc		Cable gland gasket	Blanking plug	Transport plug
	IMT36157 		IMT36151 	PB500269_23_nb 	PB500270_19_nb 
	The multi-cable bushing permits several cables to be passed through a single cable gland			It is screwed into the cable gland's plate	It is installed to block the cable gland during transport or during maintenance operations
Material	EDPM rubber		EDPM rubber	PA6	PA6
Color	Black		Black	RAL 7035 gray	Black
Ingress protection rating	-		IP68	-	-
Standards	-		-	-	-
Other characteristics	-		-	-	-
Supply	Set of 40 (M16 and M20), 20 (M25 and M32)		Set of 100 (M12 to M20), 50 (M25 and M32), 25 (M40)	Pack of 40 plugs (M12 to M20), 20 plugs (M25 and M32), 10 plugs (M40)	Pack of 40 plugs (M16 to M20), pack of 20 (M25 and M32), pack of 10 (M40)
Ø	**Number / Ø** mm (in.)	**References**	**References**	**References**	**References**
M12	-	-	**IMT36151**	**IMT36161**	-
M16	-	-	**IMT36152**	**IMT36162**	**IMT36167**
M20	3 x Ø 4 (0.16)	**IMT36158**	**IMT36153**	**IMT36163**	**IMT36168**
M25	-	-	**IMT36154**	**IMT36164**	**IMT36169**
M32	-	-	**IMT36155**	-	-

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Cable Management Accessories

Cable Entries

FlexiCable Cable Entries

S3D SFN

FlexiCable is an innovative cable gland plate for simple and fast cable entry. There is no need to drill holes:
The creation of the cable entrances takes a few seconds.

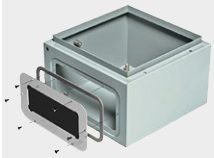
- Installation options: Replaces cable gland plate (S3D) or directly on enclosure.
- Cable diameter: Up to 26 (1.02) mm (in.).
- Ingress protection rating: IP55 according to IEC 60529
- Fixing: By 4, 6, 8, 10 or 12 screws, according to the model.

Other characteristics:

- Exists in 5 sizes matching 46 sizes (132 models) of PanelSeT S3D steel wall-mounted enclosures
- Fire resistant 650°C (1202°F) following IEC 60695-2-11
- Tested on short-circuit effect 250 A, 25 kA following IEC 61439-1.

Mount FlexiCable on Your S3D Enclosure

PB502035_31_nb



Create a Hole with a Screw Driver

PB501867_37_nb



Push the Cable through Flexicable and Complete Your Installation

PB501866_35_nb



Note:
Details see page 418

Supply:
1 metal frame with pre-mounted membrane, 1 gasket, fixing hardware



NSYTLGME

Characteristics	Type	Plate width mm (in.)	Plate depth mm (in.)	Effective cable entrance dimensions mm (in.)	References
FlexiCable cable entries	C	245 (9.65)	130 (5.12)	178 (7.01) x 63 (2.48)	**NSYTLCME**
FlexiCable cable entries	D	345 (13.58)	130 (5.12)	278 (10.94) x 63 (2.48)	**NSYTLDME**
FlexiCable cable entries	E	445 (17.52)	130 (5.12)	378 (14.88) x 63 (2.48)	**NSYTLEME**
FlexiCable cable entries	F	545 (21.46)	130 (5.12)	478 (18.82) x 63 (2.48)	**NSYTLFME**
FlexiCable cable entries	G	495 (19.49)	220 (8.66)	428 (16.85) x 153 (6.02)	**NSYTLGME**
FlexiCable cable entries for enclosure with 2 cable gland plates	D	345 (13.58)	130 (5.12)	-	2x **NSYTLDME**
FlexiCable cable entries for enclosure with 2 cable gland plates	E	445 (17.52)	130 (5.12)	-	2x **NSYTLEME**

6

Multi-A

CRN S3D SFN

- Material: TPE, SBS, SEBS and PP co-polymer - halogen-free
- Color: RAL 7035 gray
- Cable entry material: Combined
- Cable glands to be fitted: Optional: Specific cable clamp ref. **NSYAECPFLACA●●** to be used
- Installation options:
  On cable gland plate adapter or directly on enclosure
- Flexibility of the installation: Medium
- Reversibility: Medium
- Ingress protection rating: IP55 according to IEC 60529
- Cable retention: High with cable clamp, (up to 18 daN)
- Cable diameter mm (in.): From 14 (0.55) to 30 (1.18)
- Cable Installation time: Medium
- Quantity of cables to be fitted for a given surface: ++
- Cable entries for cables with connectors: No
- Cut-out dimensions mm (in.): 134 (5.28) x 52 (2.05) (FL13); 214 (8.42) x 90 (3.54) (FL21)
- External dimensions mm (in.): 216 (8.50) x 84 (3.31)
- Certificates: Cable anchorage pull test: EN 50262. Long term UV resistance: ASTM G 154-06
- Flame resistance: 750°C (1382°F)
- Temperature range: -40°C (-40°F) to +85°C (185°F)

FL13

PB501695_34_nb



FL21

PB501696_34_nb



Note:
Details see page 418



NSYAECPFLA25



NSYAECPFLA33

Characteristics	Height	Width	Depth	Diameter of the cable entry (Ø mm (in.))				References
	mm (in.)	mm (in.)	mm (in.)	No.	14 (0.55)	18 (0.71)	30 (1.18)	
Multi-A Type FL21	25 (0.98)	215 (8.46)	86 (3.39)	25	16	6	3	**NSYAECPFLA25**
Multi-A Type FL21	25 (0.98)	215 (8.46)	86 (3.39)	33	24	9	-	**NSYAECPFLA33**

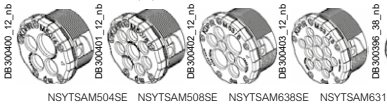
Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

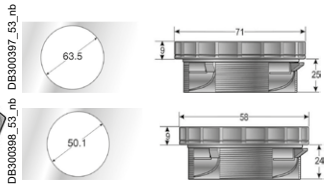
Multi-C

SBM CRN S3D
PLS PLM PLA
S3CM PHD S3HD

- Order by multiples of 10 (10, 20, 30...)
- Material: Polyamide
- Cable entry material: Soft membrane
- Cable glands to be fitted: No
- Installation options:
  On modified cable gland plate or directly on enclosure
- Flexibility of the installation: Medium
- Reversibility: Full
- Ingress protection rating: IP55 according to IEC 60529, UL recognized (UR)
- Cable retention: Medium
- Cable diameter mm (in.): From 3 (0.12) to 15.9 (0.63)
- Cable Installation time: Fast
- Quantity of cables to be fitted for a given surface: ++
- Cable entries for cables with connectors: No
- Cut-out dimensions mm (in.): Ø 50.5 (1.99); Ø 63.5 (2.50)
- External dimensions mm (in.): Ø 58 (2.28); Ø 71 (2.80)
- Certificates: UL 94 V-0
- Flame resistance: 650°C (1202°F)

Position of the holes on the circular cable entries with diameters 50 and 63 mm (in.):





Note:
Details see page 418

Supply:
10 units.
Reference by unit. Order by multiples of 10 (10, 20, 30...)



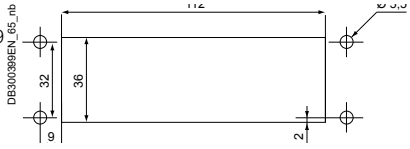
NSYTSAM508SE

Characteristics	Cut-out	Diameter of the cable entry (Ø mm (in.))					References
	Ø mm (in.)	No.	3 (0.12)-6.5 (0.26)	3.6 (0.14)-6.5 (0.26)	5 (0.20)-9.2 (0.36)	6 (0.24)-10 (0.39)	9.6 (0.38)-15.9 (0.63)	
Multi-C	50.5 (1.99)	8	-	7	-	1	-	**NSYTSAM508SE**
Multi-C	63.5 (2.50)	8	2	-	4	-	2	**NSYTSAM638SE**

Multi-R

SBM CRN S3D
PLS PLM PLA
S3CM PHD S3HD

- Material: Polyamide
- Cable entry material: Soft membrane
- Cable glands to be fitted: No
- Installation options: On cable gland plate with special cut-out or directly on enclosure
- Flexibility of the installation: Medium
- Reversibility: Full
- Ingress protection rating: IP65 according to IEC 60529
- Cable retention: Medium
- Cable diameter mm (in.): From 4.3 (0.17) to 15.9 (0.63)
- Cable Installation time: Fast
- Quantity of cables to be fitted for a given surface: ++
- Cable entries for cables with connectors: No
- Cut-out dimensions mm (in.): 112 (4.41) x 36 (1.42)
- External dimensions mm (in.): 146 (5.75) x 14 (0.55) x 58 (2.28)
- Certificates: UR Certified
- Flame resistance: 650°C (1202°F)



Note:
Dimensions and positions of the holes on a rectangular cable entry see below.
Details see page 418

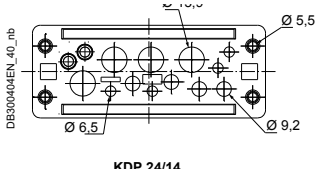
Supply:
1 unit



NSYTSA2414SE

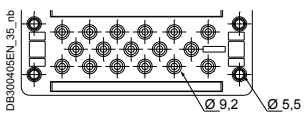
Characteristics	Cut-out	Diameter of the cable entry (Ø mm (in.))					References
	Ø mm (in.)	No.	4.3 (0.17)-8.1 (0.32)	3 (0.12)-6.5 (0.26)	5 (0.20)-9.2 (0.36)	8 (0.31)-12.5 (0.49)	
Multi-R	112 (4.41) x 36 (1.42)	14	-	6	4	-	**NSYTSA2414SE**
Multi-R	112 (4.41) x 36 (1.42)	17	-	-	17	-	**NSYTSA2417SE**
Multi-R	112 (4.41) x 36 (1.42)	22	-	16	4	2	**NSYTSA2422SE**
Multi-R	112 (4.41) x 36 (1.42)	23	23	-	-	-	**NSYTSA2423SE**
Multi-R	112 (4.41) x 36 (1.42)	29	-	29	-	-	**NSYTSA2429SE**

NSYTSA2414SE



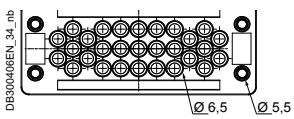
KDP 24/14

NSYTSA2417SE



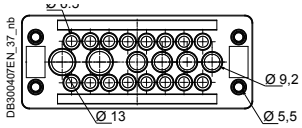
KDP 24/17

NSYTSA2429SE



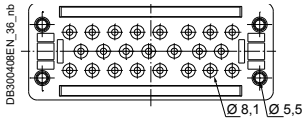
KDP 24/29

NSYTSA2422SE



KDP 24/22

NSYTSA2423SE



KDP 24/23

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Cable Management Accessories

Cable Entries

Multi-T

CRN S3D SFN

- Material: TPE
- Color: RAL 7035 gray
- Cable entry material: Soft membrane
- Cable glands to be fitted: No
- Installation options:
  On cable gland plate adapter or directly on enclosure
- Flexibility of the installation: Medium
- Reversibility: Medium
- Ingress protection rating: IP66 according to IEC 60529 (IP65 for **NSYAECPFLBP**)
- Cable retention: Low
- Cable diameter mm (in.): From 5 (0.20) to 60 (2.36)
- Cable Installation time: Fast
- Quantity of cables to be fitted for a given surface: ++
- Cable entries for cables with connectors: No
- Cut-out dimensions mm (in.): 214 (8.42) x 90 (3.54) (FL21)
- External dimensions mm (in.): 214 (8.42) x 88 (3.46)
- Flame resistance: 650°C (1202°F)
- Temperature range: -40°C (-40°F) to +100°C (212°F)

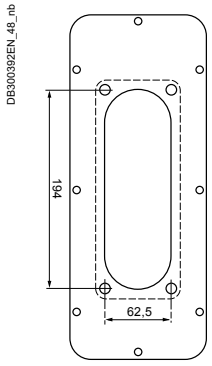
Note:
Details see page 418

- Type FL21

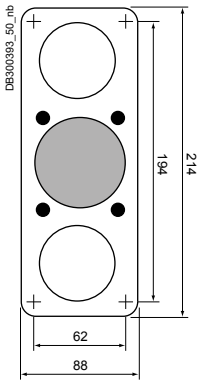

NSYAECPFLT25

Characteristics	Diameter of the cable entry (Ø mm (in.))												References
	No.	5 (0.20)-7 (0.28)	6 (0.24)-10 (0.39)	8 (0.31)-12 (0.47)	8 (0.31)-16 (0.63)	10 (0.39)-14 (0.55)	12 (0.47)-18 (0.71)	14 (0.55)-20 (0.79)	17 (0.67)-32 (1.26)	20 (0.79)-26 (1.02)	24 (0.94)-54 (2.13)	30 (1.18)-60 (2.36)	
Multi-T, metal plate	0	-	-	-	-	-	-	-	-	-	-	-	**NSYAECPFLBP**
Multi-T	7	-	-	-	4	-	-	-	-	-	2	1	**NSYAECPFLT7**
Multi-T	27	4	-	4	-	13	-	4	-	2	-	-	**NSYAECPFLT25**
Multi-T	37	-	4	14	-	16	2	-	1	-	-	-	**NSYAECPFLT35**

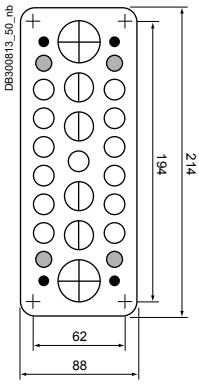
NSYAECPFLBP



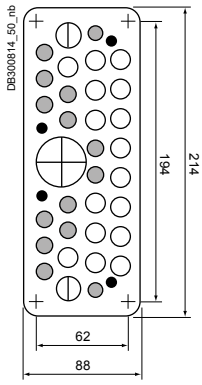
NSYAECPFLT7



NSYAECPFLT25



NSYAECPFLT35



S3D S3CM

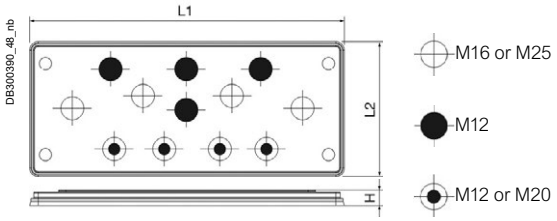
- Material: Fiberglass-reinforced polycarbonate
- Color: RAL 7035 gray
- Cable entry material: Hard-plastic
- Cable glands to be fitted: Yes
- Installation options:
  On cable gland plate adapter or directly on enclosure
- Flexibility of the installation: Low
- Reversibility: Medium
- Ingress protection rating: IP65 according to IEC 60529
- Cable retention: High (with cable clamp)
- Cable diameter mm (in.): From 12 (0.47) to 25 (0.98)
- Cable Installation time: Slow
- Quantity of cables to be fitted for a given surface: ++
- Cable entries for cables with connectors: No
- Cut-out dimensions mm (in.): 214 (8.42) x 90 (3.54) (FL21)
- External dimensions mm (in.): 215 (8.46) x 85 (3.35)
- Flame resistance: 750°C (1382°F)
- Temperature range: For normal operation: -40°C (-40°F) to +80°C (176°F); For a short time: -40°C (-40°F) to +120°C (248°F)

Note:
Details see page 419

- Type FL21


NSYTSAKFL

Characteristics	L1	L2	H	Diameter of the cable entry (Ø mm (in.))			References
	mm (in.)	mm (in.)	mm (in.)	M12	M12 or M20	M16 or M25	
Multi-H	10 (0.39)	215 (8.46)	85 (3.35)	4	4	4	**NSYTSAKFL**



Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Multi-CS

S3D

- Material: Reinforced polypropylene and TPE. halogen-free
- Color: Black
- Cable entry material: Soft membrane
- Cable glands to be fitted: No
- Installation options:
  On cable gland plate adapter or directly on enclosure
- Flexibility of the installation: Full
- Reversibility: Full
- Ingress protection rating: IP65 according to IEC 60529
- Cable retention: Medium
- Cable diameter mm (in.): Up to 22 (0.87)
- Cable Installation time: Fast
- Quantity of cables to be fitted for a given surface: +++
- Cable entries for cables with connectors: Yes
- Cut-out dimensions mm (in.): 112 (4.41) x 36 (1.42)
- External dimensions mm (in.): 148 (5.83) x 58 (2.28) x 15 (0.59); 148 (5.83) x 58 (2.28) x 18 (0.71)
- Certificates: UL recognized (UR)
- Temperature range: -30°C (-22°F) to +100°C (212°F)

Note:
Details see page 418

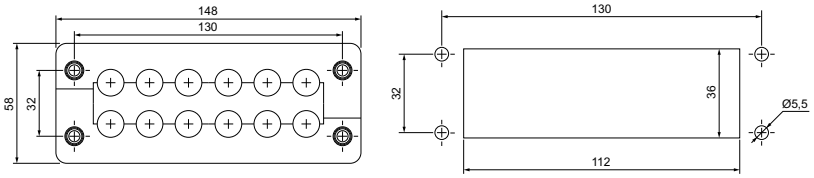
Supply:
1 unit



NSYDCD2412

Characteristics	Cut-out mm (in.)	Diameter of the cable entry (Ø mm (in.)) Number	2 (0.08)-12 (0.47)	12 (0.47)-24 (0.94)	References
Multi-CS	112 (4.41) x 36 (1.42)	12	12	-	**NSYDCD2412**
Multi-CS	112 (4.41) x 36 (1.42)	4	-	4	**NSYDCD244**
Multi-CS	112 (4.41) x 36 (1.42)	8	6	2	**NSYDCD248**
Multi-CS	112 (4.41) x 36 (1.42)	9	8	1	**NSYDCD249**

DB301207_nb



6

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Cable Management Accessories

Cable Entries

Grommets for Cable Entries

Supply:
Small … plugs: 12 units. Reference per unit. To be ordered in multiples of 12 (12,24,36, etc.).
Large … plugs: 4 units. Reference per unit. To be ordered in multiples of 4 (4,8,12, etc.)


NSYCEJDS2

Characteristics	Cable Ø mm (in.)	References
Grommets for cable entries, small	2 (0.08) - 3 (0.12)	**NSYCEJDS2**
Grommets for cable entries, small	3 (0.12) - 4 (0.16)	**NSYCEJDS3**
Grommets for cable entries, small	4 (0.16) - 5 (0.20)	**NSYCEJDS4**
Grommets for cable entries, small	5 (0.20) - 6 (0.24)	**NSYCEJDS5**
Grommets for cable entries, small	6 (0.24) - 7 (0.28)	**NSYCEJDS6**
Grommets for cable entries, small	7 (0.28) - 8 (0.32)	**NSYCEJDS7**
Grommets for cable entries, small	8 (0.32) - 9 (0.35)	**NSYCEJDS8**
Grommets for cable entries, small	9 (0.35) - 10 (0.39)	**NSYCEJDS9**
Grommets for cable entries, small	10 (0.39) - 11 (0.43)	**NSYCEJDS10**
Grommets for cable entries, small	11 (0.43) - 12 (0.47)	**NSYCEJDS11**
Grommets for cable entries, large	12 (0.47) - 13 (0.51)	**NSYCEJDL12**
Grommets for cable entries, large	13 (0.51) - 14 (0.55)	**NSYCEJDL13**
Grommets for cable entries, large	14 (0.55) - 15 (0.59)	**NSYCEJDL14**
Grommets for cable entries, large	15 (0.59) - 16 (0.63)	**NSYCEJDL15**
Grommets for cable entries, large	16 (0.63) - 17 (0.67)	**NSYCEJDL16**
Grommets for cable entries, large	17 (0.67) - 18 (0.71)	**NSYCEJDL17**
Grommets for cable entries, large	18 (0.71) - 19 (0.75)	**NSYCEJDL18**
Grommets for cable entries, large	19 (0.75) - 20 (0.79)	**NSYCEJDL19**
Grommets for cable entries, large	20 (0.79) - 21 (0.83)	**NSYCEJDL20**
Grommets for cable entries, large	21 (0.83) - 22 (0.87)	**NSYCEJDL21**

Blanking Plugs

Supply:
Small … plugs: 12 units. Reference per unit. To be ordered in multiples of 12 (12,24,36, etc.).
Large … plugs: 4 units. Reference per unit. To be ordered in multiples of 4 (4,8,12, etc.)


NSYCEJDS0

Characteristics	References
Blanking plugs, small	**NSYCEJDS0**
Blanking plugs, large	**NSYCEJDL0**

PrismaSeT

- Material: Insulated material
- Color: RAL 9003
- Cable entry material: Soft membrane
- Cable glands to be fitted: No
- Installation options:
  On cable gland plate adapter or directly on enclosure
- Flexibility of the installation: Medium
- Reversibility: Medium
- Ingress protection rating: IP55 according to IEC 60529
- Cable retention: Low
- Cable diameter mm (in.): From 28 (1.10) to 60 (2.36) (FL21), From 7 (0.28) to 72 (2.83) (rectangular)
- Cable Installation time: Fast
- Quantity of cables to be fitted for a given surface: ++
- Cable entries for cables with connectors: No
- Cut-out dimensions mm (in.): 214 (8.42) x 90 (3.54) (FL21)
- External dimensions mm (in.): 216 (8.50) x 84 (3.31)

PrismaSeT, Plain

S3D


LVS08881

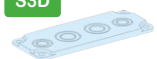
- Solid cable gland plates

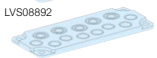
Note:
Details see page 419

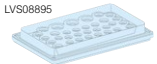
Characteristics	Type	References
PrismaSeT, plain	FL21	**LVS08881**

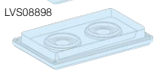
PrismaSeT, Pre-Drilled

S3D


LVS08892


LVS08895


LVS08898


LVS08899

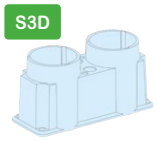
- Suitable for receiving cable glands with metric pitch

Note:
Reference **LVS08898** is made up of:
3 cables with diameters from 14 to 26.
4 cables with diameters from 10 to 20.
32 cables with diameters from 7 to 16.
Details see page 261

Characteristics	Type	References
PrismaSeT, pre-drilled, with 4 entries 2 x M20 or M32 + 2 x M25 or M40	FL21	**LVS08892**
PrismaSeT, pre-drilledn, with 13 entries 5 x M16 or M25 + 8 x M20	FL21	**LVS08895**
PrismaSeT, pre-drilled, with 39 entries Ø 7 (0.28) - 26 (1.02) mm (in.)	opening 225 (8.86) x 137 (5.39) mm (in.)	**LVS08898**
PrismaSeT, pre-drilled, with 2 entries Ø 33 (1.30) x 72 (2.83) mm (in.)	opening 225 (8.86) x 137 (5.39) mm (in.)	**LVS08899**

PrismaSeT, Membrane

S3D


LVS08897

- Membrane to be drilled according to the required diameter

Note:
Details see page 261

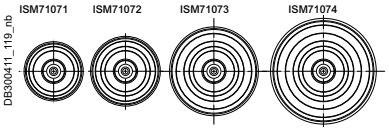
Characteristics	Type	References
PrismaSeT, membrane, 2 entries, 2 x Ø 28 (1.10) x 60 (2.36) mm (in.)	FL21	**LVS08897**

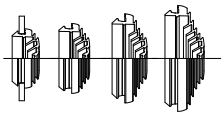
Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Mixed Membrane Entries for IP55 Direct Cable Entries

S3D TBS TBP

- Mixed membrane entries for enclosure thickness 20 (0.79)/10e - 32 (1.26)/10e mm (in.).
- Material: SBS
- Color: RAL 7035 gray or RAL 9010 white
- Cable entry material: Soft membrane
- Cable glands to be fitted: Not applicable
- Installation options: On cable gland plate or directly on enclosure
- Flexibility of the installation: Low
- Reversibility: Medium
- Ingress protection rating: IP55 according to IEC 60529
- Cable retention: Low
- Cable diameter mm (in.): From 20 (0.79) to 40 (1.58)
- Cable Installation time: Fast
- Quantity of cables to be fitted for a given surface: +
- Cable entries for cables with connectors: No
- Cut-out dimensions mm (in.): Various circular hole diameters according to cable diameter
- External dimensions mm (in.): From Ø 23 (0.91) to 44 (1.73)
- Flame resistance: 750°C (1382°F)





Note:
Details see page 420

Supply:
Minimal packaging of 10 pieces

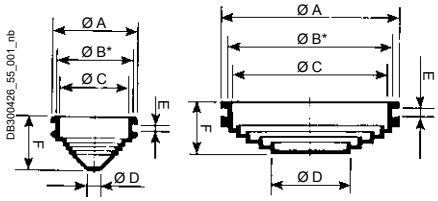

ISM71074

Characteristics	Drill hole Ø mm (in.)	Cable / conduit Ø mm (in.)	References
Mixed membrane entries for IP55 direct cable entries, RAL 7035	23 (0.91)	4 (0.16) - 20 (0.79)	**ISM71071**
Mixed membrane entries for IP55 direct cable entries, RAL 7035	29 (1.14)	4 (0.16) - 25 (0.98)	**ISM71072**
Mixed membrane entries for IP55 direct cable entries, RAL 7035	36 (1.42)	4 (0.16) - 32 (1.26)	**ISM71073**
Mixed membrane entries for IP55 direct cable entries, RAL 7035	44 (1.73)	4 (0.16) - 40 (1.58)	**ISM71074**

PVC Adjustable Cone-Shaped Entries

S3D TBS TBP

- PVC adjustable cone-shaped entries for enclosure thickness 30 (1.18)/10e - 32 (1.26)/10e mm (in.).
- Material: PVC
- Cable entry material: Soft membrane
- Cable glands to be fitted: Not applicable
- Installation options: On cable gland plate or directly on enclosure
- Flexibility of the installation: Low
- Reversibility: Medium
- Ingress protection rating: IP55 according to IEC 60529
- Cable retention: Low
- Cable diameter mm (in.): From 5 (0.20) to 87 (3.42)
- Cable Installation time: Fast
- Quantity of cables to be fitted for a given surface: +
- Cable entries for cables with connectors: No
- Cut-out dimensions mm (in.): Various circular hole diameters according to cable diameter
- External dimensions mm (in.): From Ø 25 (0.98) to 98 (3.86)



Note:
* Drill-hole for mounting.
Details see page 420

Supply:
NSYECPC3 50 cable entries,
NSYECPC5 and **NSYECPC6** each 25 cable entries,
NSYECPC9 and **NSYECPC15** each 10 cable entries


NSYECPC15

Characteristics	Dimensions mm (in.)						Capacity		References
	Ø A	Ø B*	Ø C	Ø D	E	F	Cable Ø mm (in.)	Tube	
PVC adjustable cone-shaped entries	25 (0.98)	21.5 (0.85)	18 (0.71)	5 (0.20)	3.2 (0.13)	13 (0.51)	5 (0.20)-18 (0.71)	PG 9-11	**NSYECPC3**
PVC adjustable cone-shaped entries	33 (1.30)	29.5 (1.16)	26 (1.02)	5 (0.20)	3.2 (0.13)	20 (0.79)	5 (0.20)-26 (1.02)	PG 9-16	**NSYECPC5**
PVC adjustable cone-shaped entries	43 (1.69)	38.5 (1.52)	36 (1.42)	5 (0.20)	3.2 (0.13)	22 (0.87)	5 (0.20)-36 (1.42)	PG 9-21	**NSYECPC6**
PVC adjustable cone-shaped entries	70 (2.76)	63 (2.48)	60 (2.36)	28 (1.10)	3 (0.12)	20 (0.79)	28 (1.10)-60 (2.36)	PG 21-48	**NSYECPC9**
PVC adjustable cone-shaped entries	98 (3.86)	90 (3.54)	87 (3.42)	28 (1.10)	3 (0.12)	23 (0.91)	28 (1.10)-87 (3.42)	PG 21-48	**NSYECPC15**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Cable Management Accessories

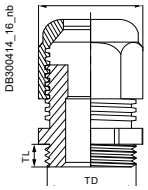
Cable Entries

ISO Cable Gland

S3D SBX TBS TBP

- ISO cable gland.
- Material: PA6 Polyamide, neoprene gasket
- Color: RAL 7035 gray
- Cable entry material: Combined
- Installation options: On cable gland plate or directly on enclosure
- Flexibility of the installation: Low
- Reversibility: Medium
- Ingress protection rating: IP68
- Cable retention: High
- Cable diameter mm (in.): From 12 (0.47) to 40 (1.58)
- Cable Installation time: Slow
- Quantity of cables to be fitted for a given surface: +
- Cable entries for cables with connectors: No
- Cut-out dimensions mm (in.): Various circular hole diameters according to cable diameter
- External dimensions mm (in.): From Ø 15 (0.59) to 46 (1.81)
- Certificate: VDE, UL Recognized (UR)
- Flame resistance: 750°C (1382°F)

- The cable gland (ref. **IMT36150**) is especially recommended for security circuits.



Note:
* In brackets: Tolerance.
Details see page 420

Supply:
The cable glands are supplied with nuts. Pack of 20 (M12 to M20), 10 (M25 and M32), 5 (M40)

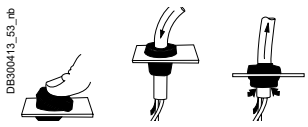

ISM71503

Characteristics	Dimensions						References
	ISO	Cable Ø mm (in.)	Drill hole* Ø mm (in.)	TD	TL		
Cable gland	M12	3 (0.12) / 6.5 (0.26)	12.2 (0.48) (0 + 0.2)	12 (0.47)	6 (0.24)	15 (0.59)	**ISM71501**
Cable gland	M16	4 (0.16) / 8 (0.32)	16.2 (0.64) (0 + 0.2)	16 (0.63)	8 (0.32)	19 (0.75)	**ISM71502**
Cable gland	M20	6 (0.24) / 12 (0.47)	20.2 (0.80) (0 + 0.2)	20 (0.79)	10 (0.39)	24 (0.94)	**ISM71503**
Cable gland with high resistance to fire	M20	6 (0.24) / 12 (0.47)	20.2 (0.80) (0 + 0.2)	20 (0.79)	10 (0.39)	24 (0.94)	**IMT36150**
Cable gland	M25	11 (0.43) / 17 (0.67)	25.2 (0.99) (0 + 0.2)	25 (0.98)	8 (0.32)	29 (1.14)	**ISM71504**
Cable gland	M32	15 (0.59) / 21 (0.83)	32.2 (1.27) (0 + 0.3)	32 (1.26)	10 (0.39)	36 (1.42)	**ISM71505**
Cable gland	M40	19 (0.75) / 28 (1.10)	40.5 (1.59) (0 + 0.3)	40 (1.58)	10 (0.39)	46 (1.81)	**ISM71506**

Quick Cable Entries

S3D TBS TBP

- Quick cable entries for enclosure thickness 10 (0.39)/10[e] - 40 (1.57)/10[e] mm (in.) (5 (0.20)/10[e] - 20 (0.79)/10[e] mm (in.) for ref. **IMT36179**).
- Material: EPDM plastic
- Color: Gray cable entries: NCS 5500; Black cable entries: NCS 9000
- Cable entry material: Combined
- Cable glands to be fitted: Not applicable
- Installation options: On cable gland plate or directly on enclosure
- Flexibility of the installation: Low
- Reversibility: Medium
- Ingress protection rating: IP67 according to IEC 60529
- Cable retention: Medium
- Cable diameter (mm (in.)): From 12 (0.47) to 50 (1.97)
- Cable Installation time: Fast
- Quantity of cables to be fitted for a given surface: +
- Cable entries for cables with connectors: No
- Cut-out dimensions mm (in.): Various circular hole diameters according to cable diameter
- External dimensions mm (in.): From Ø 12.5 (0.49) to 50.7 (2.00)
- Flame resistance: 750°C (1382°F)



Note:
Details see page 420

Supply:
50 (M12 to M32), 25 (M40 and M50)


IMT36179

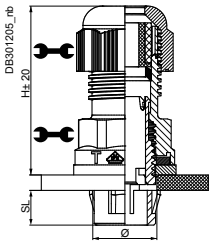
Characteristics	Dimensions			References
	Ø	Drill hole Ø mm (in.)	Cable Ø mm (in.)	
Quick cable entries	M12	12.5 (0.49)	3 (0.12) - 5 (0.20)	**IMT36179**
Quick cable entries	M16	16 (0.63)	5 (0.20) - 7 (0.28)	**IMT36180**
Quick cable entries	M20	20.3 (0.80)	7 (0.28) - 10 (0.39)	**IMT36181**
Quick cable entries	M25	25.3 (1.00)	10 (0.39) - 14 (0.55)	**IMT36182**
Quick cable entries	M32	32.4 (1.28)	14 (0.55) - 20 (0.79)	**IMT36183**
Quick cable entries	M40	40.7 (1.60)	20 (0.79) - 26 (1.02)	**IMT36184**
Quick cable entries	M50	50.7 (2.00)	26 (1.02) - 35 (1.38)	**IMT36185**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Synthetic Snap-In Cable Gland

S3D SBX TBS TBP

- Without thread.
- Easy assembly and disassembly.
- Suitable for walls from 0.5 (0.02) to 4 (0.16) mm (in.) thick.
- Material: PA6 Polyamide, neoprene gasket
- Color: RAL 7035 gray, RAL 7001, RAL 9005. Other colors on demand
- Cable entry material: Non-armoured
- Installation options: On cable gland plate or directly on enclosure
- Flexibility of the installation: Low
- Reversibility: Medium
- Ingress protection rating: IP66
- Cable retention: High
- Cable diameter mm (in.): From 16 (0.63) to 40 (1.58)
- Cable Installation time: Slow
- Quantity of cables to be fitted for a given surface: +
- Cable entries for cables with connectors: No
- Thread type: Metric EN 60423. Other types are available on demand
- Cut-out dimensions mm (in.): Various circular hole diameters according to cable diameter
- External dimensions mm (in.): From Ø 22 (0.87) to 46 (1.81)
- Certificates: UR (cURus) Type 4x except for the size M40
- Standard: DIN EN 62444, UL 514B, UL 514B§8.26.7
- Temperature range: -20°C (-4°F) to + 100°C (212°F)



Note:
Details see page 420

Supply:
The cable glands are supplied with nuts. Pack of 20 (M16 and M20), of 10 (M25 and M32), of 5 (M40)


NSYCGSP16

Characteristics	Dimensions							References
	Ø	Ø min / max	Drill Ø	SL	SD	H		
Synthetic snap-in cable gland	M16	5 (0.20)/10 (0.39)	16.2 (0.64) to 16.4 (0.65)	9 (0.35)	15.9 (0.63)	42.5 (1.67)	22 (0.87)	**NSYCGSP16**
Synthetic snap-in cable gland	M20	6 (0.24)/12 (0.47)	20.2 (0.80) to 20.4 (0.80)	9 (0.35)	19.9 (0.78)	41.5 (1.63)	24 (0.94)	**NSYCGSP20**
Synthetic snap-in cable gland	M25	11 (0.43)/17 (0.67)	25.2 (0.99) to 25.4 (1.00)	9 (0.35)	24.9 (0.98)	43.5 (1.71)	29 (1.14)	**NSYCGSP25**
Synthetic snap-in cable gland	M32	15 (0.59)/21 (0.83)	32.2 (1.27) to 32.4 (1.28)	9 (0.35)	31.9 (1.26)	49.5 (1.95)	36 (1.42)	**NSYCGSP32**
Synthetic snap-in cable gland	M40	19 (0.75)/28 (1.10)	40.2 (1.58) to 40.4 (1.59)	11.5 (0.45)	39.9 (1.57)	56 (2.20)	46 (1.81)	**NSYCGSP40**

Stainless-Steel Cable Gland with Lamellar Insert

S3D SBX

- Lamellar technology provides excellent resistance to traction as well as excellent torsional protection. For aggressive environments.
- Material: Stainless-steel AISI 304L or AISI 316L, neoprene gasket
- Cable entry material: Non armoured
- Installation options: On cable gland plate or directly on enclosure
- Flexibility of the installation: Low
- Reversibility: Medium
- Ingress protection rating: IP68
- Cable retention: High
- Cable diameter mm (in.): From 12 (0.47) to 40 (1.58)
- Cable Installation time: Slow
- Quantity of cables to be fitted for a given surface: +
- Cable entries for cables with connectors: No
- Thread type: Metric EN 60423
- Cut-out dimensions mm (in.): Various circular hole diameters according to cable diameter
- External dimensions mm (in.): From Ø 14 (0.55) to 43 (1.69)
- Certificates: UL recognized (cURus). Rated Type 4, 4X according UL50E
- Standard: DIN EN 62444, UL 514
- Temperature range: -20°C (-4°F) to + 100°C (212°F)



Supply:
The cable glands are supplied with nuts
Pack of 5 (M12 and M16), of 4 (M20 and M25), of 2 (M32 and M40)


NSYCGX12

Characteristics	Dimensions							References
	Ø	Ø min-max mm (in.)	Thread Length TL mm (in.)	SW Cap mm (in.)	SW Body mm (in.)	Outer Ø D mm (in.)	max. Height H mm (in.)	
AISI 304L	M12x1.5	3.0 (0.12) - 6.5 (0.26)	6 (0.24)	14 (0.55)	14 (0.55)	15.5 (0.61)	24 (0.94)	**NSYCGX12**
AISI 304L	M16x1.5	4.0 (0.16) - 8.0 (0.32)	7 (0.28)	17 (0.67)	19 (0.75)	21 (0.83)	25.5 (10.04)	**NSYCGX16**
AISI 304L	M20x1.5	10.0 (0.39) - 14.0 (0.55)	8 (0.32)	24 (0.94)	24 (0.94)	26.5 (10.43)	30 (1.18)	**NSYCGX20**
AISI 304L	M25x1.5	10.0 (0.39) - 14.0 (0.55)	8 (0.32)	24 (0.94)	27 (1.06)	30 (1.18)	30 (1.18)	**NSYCGX25**
AISI 304L	M32x1.5	13.0 (0.51) - 18.0 (0.71)	9 (0.35)	30 (1.18)	36 (1.42)	39.8 (15.67)	35 (1.38)	**NSYCGX32**
AISI 304L	M40x1.5	18.0 (0.71) - 25.0 (0.98)	9 (0.35)	41 (1.61)	46 (1.81)	51.4 (20.24)	40.5 (15.95)	**NSYCGX40**
AISI 316L	M12x1.5	3.0 (0.12) - 6.5 (0.26)	6 (0.24)	14 (0.55)	14 (0.55)	15.5 (0.61)	24 (0.94)	**NSYCGX12H**
AISI 316L	M16x1.5	4.0 (0.16) - 8.0 (0.32)	7 (0.28)	17 (0.67)	19 (0.75)	21 (0.83)	25.5 (10.04)	**NSYCGX16H**
AISI 316L	M20x1.5	10.0 (0.39) - 14.0 (0.55)	8 (0.32)	24 (0.94)	24 (0.94)	26.5 (10.43)	30 (1.18)	**NSYCGX20H**
AISI 316L	M25x1.5	10.0 (0.39) - 14.0 (0.55)	8 (0.32)	24 (0.94)	27 (1.06)	30 (1.18)	30 (1.18)	**NSYCGX25H**
AISI 316L	M32x1.5	13.0 (0.51) - 18.0 (0.71)	9 (0.35)	30 (1.18)	36 (1.42)	39.8 (15.67)	35 (1.38)	**NSYCGX32H**
AISI 316L	M40x1.5	18.0 (0.71) - 25.0 (0.98)	9 (0.35)	41 (1.61)	46 (1.81)	51.4 (20.24)	40.5 (15.95)	**NSYCGX40H**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Cable Management Accessories

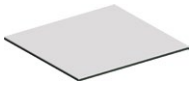
Cable Gland Plates

Plain Cable Gland Plate

SM

- Cable-gland plate to be placed on top or bottom of the enclosure
- The design of the compact cable gland plate, coupled with the use of the sealing gasket **NSYCEK** enable maximum dust/water tightness
- Material: Steel painted with epoxy polyester resin
- Color: RAL 7035 gray
- Thicknesses: 10 (0.39)/10[e] mm (in.)

Supply:
Plain plate and fixing elements

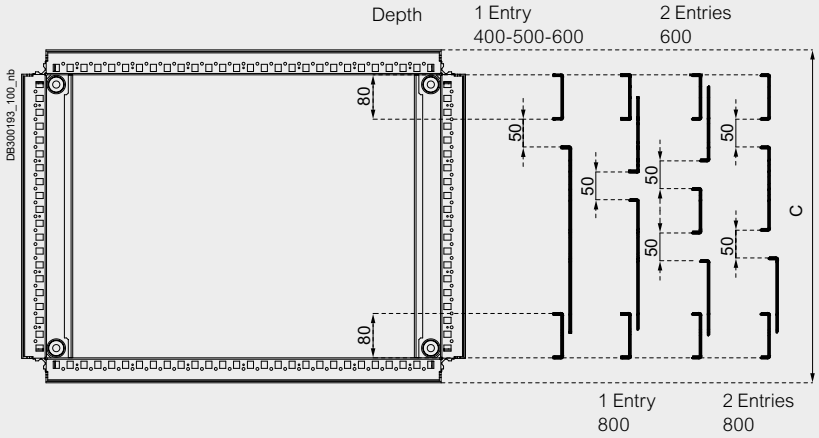

NSYSMEC63

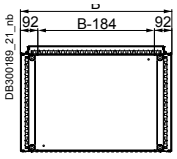
Characteristics	Width mm (in.)	Depth mm (in.)	References
Plain cable gland plate	600 (23.62)	300 (11.81)	**NSYSMEC63**
Plain cable gland plate	600 (23.62)	400 (15.75)	**NSYSMEC64**
Plain cable gland plate	600 (23.62)	500 (19.69)	**NSYSMEC65**
Plain cable gland plate	800 (31.50)	300 (11.81)	**NSYSMEC83**
Plain cable gland plate	800 (31.50)	400 (15.75)	**NSYSMEC84**
Plain cable gland plate	800 (31.50)	500 (19.69)	**NSYSMEC85**
Plain cable gland plate	800 (31.50)	600 (23.62)	**NSYSMEC86**
Plain cable gland plate	1000 (39.37)	400 (15.75)	**NSYSMEC104**
Plain cable gland plate	1200 (47.24)	300 (11.81)	2x **NSYSMEC63**
Plain cable gland plate	1200 (47.24)	400 (15.75)	2x **NSYSMEC64**
Plain cable gland plate	1200 (47.24)	500 (19.69)	2x **NSYSMEC65**
Plain cable gland plate	1600 (62.99)	400 (15.75)	2x **NSYSMEC84**
Plain cable gland plate	1600 (62.99)	500 (19.69)	2x **NSYSMEC85**
Plain cable gland plate	1600 (62.99)	600 (23.62)	2x **NSYSMEC86**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Plain Cable Gland Plate

Possibilities of Cable Gland Plate Adjustment

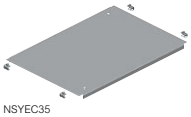




SFN SFN IT

- The design of the compact cable gland plate, coupled with the use of the sealing gasket **NSYCEK** provide IP55.
- Material: Galvanized steel
- Thicknesses: 15 (0.59)/10[e] mm (in.)
- Ingress protection rating: IP55 according to IEC 60529 (with the gasket)

Supply:
Plain plate and fixing elements


NSYEC35

Characteristics	(B) Width mm (in.)	(C) Depth mm (in.)	References
Plain cable gland plate	300 (11.81)	500 (19.69)	**NSYEC35**
Plain cable gland plate	300 (11.81)	600 (23.62)	**NSYEC36**
Plain cable gland plate	400 (15.75)	400 (15.75)	**NSYEC44**
Plain cable gland plate	400 (15.75)	500 (19.69)	**NSYEC45**
Plain cable gland plate	400 (15.75)	600 (23.62)	**NSYEC64**
Plain cable gland plate	400 (15.75)	800 (31.50)	**NSYEC84**
Plain cable gland plate	600 (23.62)	400 (15.75)	**NSYEC64**
Plain cable gland plate	600 (23.62)	500 (19.69)	**NSYEC65**
Plain cable gland plate	600 (23.62)	600 (23.62)	**NSYEC66**
Plain cable gland plate	600 (23.62)	800 (31.50)	**NSYEC68**
Plain cable gland plate	600 (23.62)	1000 (39.37)	**NSYEC610**
Plain cable gland plate	800 (31.50)	400 (15.75)	**NSYEC84**
Plain cable gland plate	800 (31.50)	500 (19.69)	**NSYEC85**
Plain cable gland plate	800 (31.50)	600 (23.62)	**NSYEC86**
Plain cable gland plate	800 (31.50)	800 (31.50)	**NSYEC88**
Plain cable gland plate	800 (31.50)	1000 (39.37)	**NSYEC810**
Plain cable gland plate	1000 (39.37)	400 (15.75)	**NSYEC104**
Plain cable gland plate	1000 (39.37)	500 (19.69)	**NSYEC105**
Plain cable gland plate	1000 (39.37)	600 (23.62)	**NSYEC106**
Plain cable gland plate	1000 (39.37)	800 (31.50)	**NSYEC108**
Plain cable gland plate	1200 (47.24)	400 (15.75)	**NSYEC124**
Plain cable gland plate	1200 (47.24)	500 (19.69)	**NSYEC125**
Plain cable gland plate	1200 (47.24)	600 (23.62)	**NSYEC126**
Plain cable gland plate	1200 (47.24)	800 (31.50)	**NSYEC128**
Plain cable gland plate	1600 (62.99)	400 (15.75)	**NSYEC164**
Plain cable gland plate	1600 (62.99)	500 (19.69)	**NSYEC165**
Plain cable gland plate	1600 (62.99)	600 (23.62)	**NSYEC166**

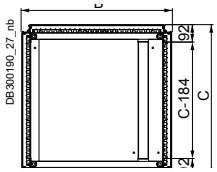
Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Cable Management Accessories

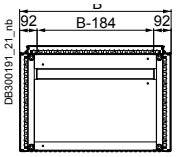
Cable Gland Plates

Plate with 1 Entry

SFN SFN IT



Enclosures of 300 (11.81) and 400 (15.75) mm (in.) width.



Enclosures of 600 23.62), 800 (31.50), 1000 (39.37) and 1200 (47.24) mm (in.) width.

Supply:
Plate with 1 entry; Self-extinguishing polyurethane adhesive gasket with cross-section of 15 (0.59) x 25 (0.98) mm (in.) (helps guarantee good sealing) and fixing elements

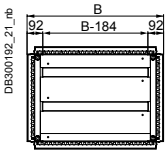
- Facilitates the entry of cables thanks to a longitudinal opening.
- Material: Galvanized steel
- Thicknesses: 15 (0.59)/10^{e} mm (in.)


NSYEC351

Characteristics	(B) **Width** mm (in.)	(C) **Depth** mm (in.)	References
Plate with 1 entry	300 (11.81)	500 (19.69)	**NSYEC351**
Plate with 1 entry	300 (11.81)	600 (23.62)	**NSYEC361**
Plate with 1 entry	400 (15.75)	400 (15.75)	**NSYEC441**
Plate with 1 entry	400 (15.75)	500 (19.69)	**NSYEC451**
Plate with 1 entry	400 (15.75)	600 (23.62)	**NSYEC461**
Plate with 1 entry	400 (15.75)	800 (31.50)	**NSYEC481**
Plate with 1 entry	600 (23.62)	400 (15.75)	**NSYEC641**
Plate with 1 entry	600 (23.62)	500 (19.69)	**NSYEC651**
Plate with 1 entry	600 (23.62)	600 (23.62)	**NSYEC661**
Plate with 1 entry	600 (23.62)	800 (31.50)	**NSYEC681**
Plate with 1 entry	600 (23.62)	1000 (39.37)	**NSYEC6101**
Plate with 1 entry	800 (31.50)	400 (15.75)	**NSYEC841**
Plate with 1 entry	800 (31.50)	500 (19.69)	**NSYEC851**
Plate with 1 entry	800 (31.50)	600 (23.62)	**NSYEC861**
Plate with 1 entry	800 (31.50)	800 (31.50)	**NSYEC881**
Plate with 1 entry	800 (31.50)	1000 (39.37)	**NSYEC8101**
Plate with 1 entry	1000 (39.37)	400 (15.75)	**NSYEC1041**
Plate with 1 entry	1000 (39.37)	500 (19.69)	**NSYEC1051**
Plate with 1 entry	1000 (39.37)	600 (23.62)	**NSYEC1061**
Plate with 1 entry	1000 (39.37)	800 (31.50)	**NSYEC1081**
Plate with 1 entry	1200 (47.24)	400 (15.75)	**NSYEC1241**
Plate with 1 entry	1200 (47.24)	500 (19.69)	**NSYEC1251**
Plate with 1 entry	1200 (47.24)	600 (23.62)	**NSYEC1261**
Plate with 1 entry	1200 (47.24)	800 (31.50)	**NSYEC1281**
Plate with 1 entry	1600 (62.99)	400 (15.75)	**NSYEC1641**
Plate with 1 entry	1600 (62.99)	500 (19.69)	**NSYEC1651**
Plate with 1 entry	1600 (62.99)	600 (23.62)	**NSYEC1661**

Plate with 2 Entries

SFN SFN IT



Supply:
1 plate with 2 entries; Polyurethane adhesive gasket with cross-section of 15 (0.59) x 25 (0.98) mm (in.) (helps guarantee good sealing) and fixing elements

- Cable entry for very deep enclosures (600 (23.62) and 800 (31.50) mm (in.)).
- Two longitudinal openings allowing a large number of cables through.
- Material: Galvanized steel
- Thicknesses: 15 (0.59)/10^{e} mm (in.)


NSYEC662

Characteristics	(B) **Width** mm (in.)	(C) **Depth** mm (in.)	References
Plate with 2 entries	400 (15.75)	600 (23.62)	**NSYEC462**
Plate with 2 entries	400 (15.75)	800 (31.50)	**NSYEC482**
Plate with 2 entries	600 (23.62)	600 (23.62)	**NSYEC662**
Plate with 2 entries	600 (23.62)	800 (31.50)	**NSYEC682**
Plate with 2 entries	600 (23.62)	1000 (39.37)	**NSYEC6102**
Plate with 2 entries	800 (31.50)	600 (23.62)	**NSYEC862**
Plate with 2 entries	800 (31.50)	800 (31.50)	**NSYEC882**
Plate with 2 entries	800 (31.50)	1000 (39.37)	**NSYEC8102**
Plate with 2 entries	1000 (39.37)	600 (23.62)	**NSYEC1062**
Plate with 2 entries	1000 (39.37)	800 (31.50)	**NSYEC1082**
Plate with 2 entries	1200 (47.24)	600 (23.62)	**NSYEC1262**
Plate with 2 entries	1200 (47.24)	800 (31.50)	**NSYEC1282**
Plate with 2 entries	1600 (62.99)	600 (23.62)	**NSYEC1662**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Brush-Type Cable Entry Gasket

SFN

- For plates with 1 or 2 cable entries.
- The cables can have different diameters.
- No IP degree of protection



NSYBCE6

Characteristics	Width mm (in.)	References
PanelSeT SFN Brush-type cable entry gasket	600 (23.62)	**NSYBCE6**
PanelSeT SFN Brush-type cable entry gasket	800 (31.50)	**NSYBCE8**
PanelSeT SFN Brush-type cable entry gasket	1000 (39.37)	**NSYBCE10**
PanelSeT SFN Brush-type cable entry gasket	1200 (47.24)	**NSYBCE12**
PanelSeT SFN Brush-type cable entry gasket	1600 (62.99)	**NSYBCE16**

SM

- Brush-type gasket for installation on the cable gland plates.
- The cables can have different diameters.
- No IP degree of protection



NSYSMBCE6

Characteristics	Width mm (in.)	References
PanelSeT SM-Brush-type cable entry gasket	600 (23.62)	**NSYSMBCE6**
PanelSeT SM-Brush-type cable entry gasket	800 (31.50)	**NSYSMBCE8**
PanelSeT SM-Brush-type cable entry gasket	1000 (39.37)	**NSYSMBCE10**
PanelSeT SM-Brush-type cable entry gasket	1200 (47.24)	2x **NSYSMBCE6**
PanelSeT SM-Brush-type cable entry gasket	1600 (62.99)	2x **NSYSMBCE8**

Foam Cable Entry Gasket

SFN

- Spare gasket, made from self-extinguishing expanded polyurethane with a cross-section of 15 (0.59) x 25 (0.98) mm (in.), for fixing on cable gland plates.



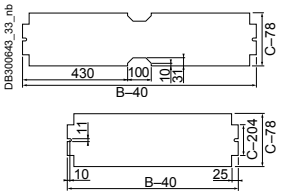
NSYCEJ

Characteristics	References
PanelSeT SFN Foam cable entry gasket	**NSYCEJ**

Plain Cable Entry Plate

PLAZ PLAZT

- Easy drilling in specific customized version.
- Not compatible with: Adapter plates, step slides, internal door and chassis for modular distribution.
- Material: Polyester reinforced with fiberglass
- Thickness: 4 (0.16) mm (in.)



Supply:
Delivered with the fixings required for installation



NSYECPLAZ53G

Characteristics	Width mm (in.)	Depth mm (in.)	References
Plain cable entry plate	500 (19.69)	320 (12.60)	**NSYECPLAZ53G**
Plain cable entry plate	500 (19.69)	420 (16.54)	**NSYECPLAZ54G**
Plain cable entry plate	750 (29.53)	320 (12.60)	**NSYECPLAZ73G**
Plain cable entry plate	750 (29.53)	420 (16.54)	**NSYECPLAZ74G**
Plain cable entry plate	1000 (39.37)	320 (12.60)	**NSYECPLAZ103G**
Plain cable entry plate	1000 (39.37)	420 (16.54)	**NSYECPLAZ104G**
Plain cable entry plate	1250 (49.21)	320 (12.60)	**NSYECPLAZ123G**
Plain cable entry plate	1250 (49.21)	420 (16.54)	**NSYECPLAZ124G**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Cable Management Accessories

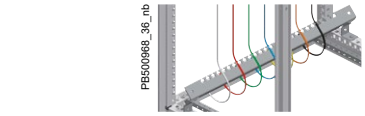
Cable Holding

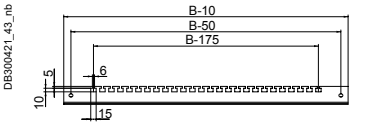
Lower Cable-Guide Cross-Rail

SM SFN SMX SFX

- It allows the quick fixing of cables entering and exiting the enclosure.
- Depth adjustable every 25 (0.98) mm (in.).
- Material: Galvanized steel

Fixing:
- PanelSeT SFN: for suitable enclosures with widths of 1200 (47.24) and 1600 (62.99) mm (in.), use the adaptation kit for two-door suitable enclosures, see page 367
- PanelSeT SM: for floor-standing enclosures with a width of 1200 (47.24) mm (in.), a top/bottom mounting rail installed in central position is required
- PanelSeT SFX: no adaptation piece is required for the 1200 (47.24) mm (in.) suitable enclosures
- PanelSeT SMX: no adaptation piece is required for the 1600 (62.99) mm (in.) floor-standing enclosures





Supply:
1 cable-guide cross-rail and fixing elements


NSYCFP60

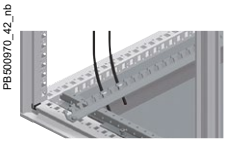
Characteristics	Width mm (in.)	References
Lower cable-guide cross-rail	600 (23.62)	**NSYCFP60**
Lower cable-guide cross-rail	800 (31.50)	**NSYCFP80**
Lower cable-guide cross-rail	1000 (39.37)	**NSYCFP100**
Lower cable-guide cross-rail	1200 (47.24)	2x **NSYCFP60**
Lower cable-guide cross-rail	1600 (62.99)	2x **NSYCFP80**

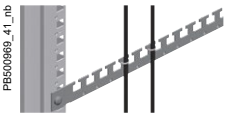
Cable-Guide Cross-Rails for Framework

SM SFN SMX SFX

Support types:
- Angle support at 90°: For vertical cable fixing.
- Angle support at 120°: For fixing cables near the cable entry.
- Material: Galvanized steel

Fixing:
- PanelSeT SFN and SFX: support for direct mounting on the framework, cross-rails or rails
- PanelSeT SM: fixing on the bottom mounting rail, or on the floor-standing enclosure by means of adaptation rails and 40 (1.57) mm (in.) universal cross-rails (1 row) in vertical position
- PanelSeT SMX: fixing on the bottom mounting rail and 40 (1.57) mm (in.) universal cross-rails (1 row) in vertical position





Supply:
2 supports and fixing elements


NSYCFS96

Characteristics	Support angle	Width mm (in.)	Refere nces
Cable-guide cross-rails for framework	90°	600 (23.62)	**NSYCFS96**
Cable-guide cross-rails for framework	120°	600 (23.62)	**NSYCFS126**
Cable-guide cross-rails for framework	90°	800 (31.50)	**NSYCFS98**
Cable-guide cross-rails for framework	120°	800 (31.50)	**NSYCFS128**

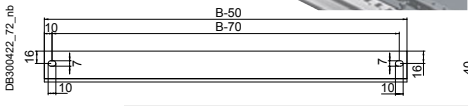
L-Rail for Fixing Cables

SM SFN SMX SFX

- Rail for fixing cables entering from the bottom.
- Adjustable depth with a pitch of 25 (0.98) mm (in.).
- It is not possible to mount it on a plinth cross-rail.
- Material: Galvanized steel

Fixing:
- PanelSeT SFN and SFX: fixing to the bottom frame, above the cable entry, or else to the plinth, using the plinth cross-rails, see page 400
- PanelSeT SM/SMX: fixing to the bottom adjustment rails, above the cable entry, or else to the plinth, using the plinth cross-rails, see page 400
- The cables are fixed to the rail by means of metal clamps







Supply:
One rail, two mounting supports and fixing elements


NSYFCG60

Characteristics	Width mm (in.)	References
L-rail for fixing cables	600 (23.62)	**NSYFCG60**
L-rail for fixing cables	800 (31.50)	**NSYFCG80**
L-rail for fixing cables	1000 (39.37)	**NSYFCG100**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

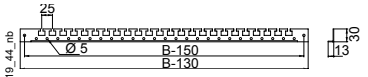
Cable Management Accessories

Cable Holding

Door Cable-Guide Cross-Rail

SM SFN SMX SFX





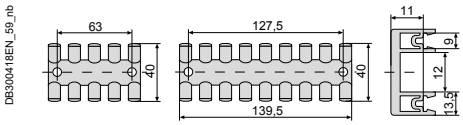
- Recommended for fixing cables in the internal equipment of the door.
- Height adjustable every 25 (0.98) mm.
- Material: Galvanized steel
- Fixing: Direct fixing on the reinforcement frame

Supply:
2 cable-guide cross-rails and fixing elements

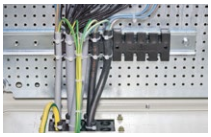

NSYSDGCR5

Characteristics	Width mm (in.)	References
Door cable-guide cross-rail	600 (23.62)	**NSYSDGCR5**
Door cable-guide cross-rail	600 (23.62)	**NSYSDGCR6**
Door cable-guide cross-rail	800 (31.50)	**NSYSDGCR8**

Plastic Cable Support



Supply:
10 units. Reference by unit. Order by multiples of 10 (10, 20, 30...)


NSYSCCDINLG75

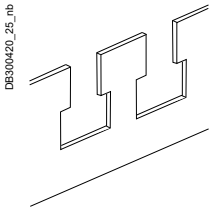
- It clips or screws onto 35 (1.38) mm (in.) symmetric rails or a C-shaped rail.
- Fixing: Quick and easy fixing of cables using cable ties

Characteristics	Max. number of cables	Width mm (in.)	References
Plastic cable support	5	75 (2.95)	**NSYSCCDINLG75**
Plastic cable support	9	140 (5.51)	**NSYSCCDINLG140**

Door Cable-Guide Cross-Rails for Wall-Mounted Enclosures

CRN S3D S3X

- They are installed on wall-mounted enclosures with heights from 400 (15.75) mm (in.) for PanelSeT S3D and 500 (19.69) mm (in.) for PanelSeT S3X.
- They make it easy to equip the inside of the door.
- Installation cable ties.
- Fixing: They are fixed to the door reinforcement frame by 2 self-tapping screws. The angle can be directed towards the body of the enclosure or towards the door





Supply:
2 cable-guide cross-rails and fixing elements

PB501783

NSYTFPCRN4

Characteristics	Width mm (in.)	References
Door cable-guide cross-rails for wall-mounted enclosures	400 (15.75)	**NSYTFPCRN4**
Door cable-guide cross-rails for wall-mounted enclosures	500 (19.69)	**NSYTFPCRN5**
Door cable-guide cross-rails for wall-mounted enclosures	600 (23.62)	**NSYTFPCRN6**
Door cable-guide cross-rails for wall-mounted enclosures	800 (31.50)	**NSYTFPCRN8**
Door cable-guide cross-rails for wall-mounted enclosures	1000 (39.37)	**NSYTFPCRN10**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Cable Management Accessories

Ducts

Corrugated Cable Tube

SBM CRN S3D SM SFN PLS PLM PLA S3CM


NSYCPT37

- Corrugated tube allowing cable entry between the structure and the door.
- Free from halogens and heavy metals.
- UV protection.
- Material: Low-density polyethylene (LDPE)
- Color: Black

Supply:
One 25 m reel

Characteristics	Ø Nominal mm (in.)	Ø Inner mm (in.)	Ø Outer mm (in.)	References
Corrugated cable tube	37 (1.46)	36 (1.42)	42.4 (1.67)	**NSYCPT37**

Fixing Support for Corrugated Tube

SM SFN PLS PLM PLA


NSYCPTS37


NSYCPTS17_nb

- Mounting options: Directly on the enclosure, on a 19" swing rack and/or on cross-rails, by means of a fixing point.
- The supports can be assembled with one another to form sets of tubes that allow a better arrangement of the cables.
- It allows the rotation of the tube once it is fixed on the support and helps prevent the corrugated tube from coming loose if subject to pulling movements.
- Material: Polyamide (PA), black.

Supply:
10 units and fixing elements.
The support is supplied with its cover.

Characteristics	Model (nominal Ø) mm (in.)	References
Fixing support for corrugated tube	37 (1.46)	**NSYCPTS37**

Spiral Cable Duct

SBM CRN S3D SM SFN PLS PLM PLA S3CM


NSYTC12100

- Spiral strip for bundling cables.
- Allows cables to enter between the body and the door.
- Color: Colorless

Supply:
One 50 m reel

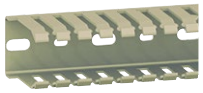
Characteristics	Tightening range mm (in.)	Ø Inner mm (in.)	Ø Outer mm (in.)	References
Corrugated cable tube	12 (0.47) to 100 (3.94)	9 (0.35)	12 (0.47)	**NSYTC12100**

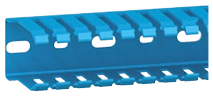
Cable-Duct

CRN S3D PLS PLM PLA

- Temperature resistance: -5°C (23°F) ... +60°C (140°F)
- Behaviour in fire: Material V0 according to UL 94
- Fire resistance: 960°C (1760°F) according to IEC 60695-2-1/1
- Maximum capacity of H07.V.K 1.5 mm² flexible cable (filling factor: 0.6)
- With lateral through slots and rear perforations.
- Material: Rigid PVC
- Color: RAL 7030 gray or RAL 5000 blue
- Standards: Compliance with standards VDE 0660/506 and DIN 43659

Supply:
8 units. Supplied in lengths of 2 m


AK2GD7550


AK2GA65

Characteristics	Width mm (in.)	Height mm (in.)	Color	References
Cable-duct	25 (0.98)	25 (0.98)	Gray	**AK2GD2525**
Cable-duct	25 (0.98)	50 (1.97)	Gray	**AK2GD2550**
Cable-duct	37.5 (1.48)	50 (1.97)	Gray	**AK2GD3750**
Cable-duct	37.5 (1.48)	75 (2.95)	Gray	**AK2GD3775**
Cable-duct	50 (1.97)	50 (1.97)	Gray	**AK2GD5050**
Cable-duct	50 (1.97)	75 (2.95)	Gray	**AK2GD5075**
Cable-duct	75 (2.95)	50 (1.97)	Gray	**AK2GD7550**
Cable-duct	75 (2.95)	75 (2.95)	Gray	**AK2GD7575**
Cable-duct	100 (3.94)	75 (2.95)	Gray	**AK2GD10075**
Cable-duct	125 (4.92)	75 (2.95)	Gray	**AK2GD12575**
Cable-duct	30 (1.18)	35 (1.38)	Blue	**AK2GA33**
Cable-duct	30 (1.18)	55 (2.17)	Blue	**AK2GA35**
Cable-duct	30 (1.18)	90 (3.54)	Blue	**AK2GA39**
Cable-duct	30 (1.18)	144 (5.67)	Blue	**AK2GA315**
Cable-duct	60 (2.36)	55 (2.17)	Blue	**AK2GA65**
Cable-duct	60 (2.36)	90 (3.54)	Blue	**AK2GA69**
Cable-duct	60 (2.36)	144 (5.67)	Blue	**AK2GA615**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Covers for Cable-Duct

CRN S3D PLS PLM PLA

- Temperature resistance: -5°C (23°F) ... +60°C (140°F)
- Behaviour in fire: Material V0 according to UL 94
- Fire resistance: 960°C (1760°F) according to IEC 60695-2-1/1
- Maximum capacity of H07.V.K 1.5 mm² flexible cable (filling factor: 0.6)
- Replacement covers.
- Material: Rigid PVC
- Color: RAL 7030 gray or RAL 5000 blue
- Standards: Compliance with standards VDE 0660/506 and DIN 43659

Supply:
8 units. Supplied in lengths of 2 m



AK2CD75

Characteristics	Width mm (in.)	Height mm (in.)	Color	For Cable-duct Ref.	References
Covers for cable-duct	25 (0.98)	25 (0.98)	Gray	AK2GD2525	**AK2CD25**
Covers for cable-duct	25 (0.98)	50 (1.97)	Gray	AK2GD2550	**AK2CD25**
Covers for cable-duct	37.5 (1.48)	50 (1.97)	Gray	AK2GD3750	**AK2CD37**
Covers for cable-duct	37.5 (1.48)	75 (2.95)	Gray	AK2GD3775	**AK2CD37**
Covers for cable-duct	50 (1.97)	50 (1.97)	Gray	AK2GD5050	**AK2CD50**
Covers for cable-duct	50 (1.97)	75 (2.95)	Gray	AK2GD5075	**AK2CD50**
Covers for cable-duct	75 (2.95)	50 (1.97)	Gray	AK2GD7550	**AK2CD75**
Covers for cable-duct	75 (2.95)	75 (2.95)	Gray	AK2GD7575	**AK2CD75**
Covers for cable-duct	100 (3.94)	75 (2.95)	Gray	AK2GD10075	**AK2CD100**
Covers for cable-duct	125 (4.92)	75 (2.95)	Gray	AK2GD12575	**AK2CD125**

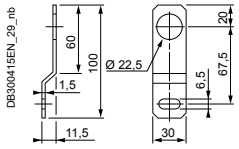


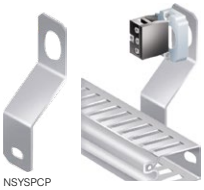
AK2CA6

Covers for cable-duct	30 (1.18)	35 (1.38)	Blue	AK2GA33	**AK2CA3**
Covers for cable-duct	30 (1.18)	55 (2.17)	Blue	AK2GA35	**AK2CA3**
Covers for cable-duct	30 (1.18)	90 (3.54)	Blue	AK2GA39	**AK2CA3**
Covers for cable-duct	30 (1.18)	144 (5.67)	Blue	AK2GA315	**AK2CA3**
Covers for cable-duct	60 (2.36)	55 (2.17)	Blue	AK2GA65	**AK2CA6**
Covers for cable-duct	60 (2.36)	90 (3.54)	Blue	AK2GA69	**AK2CA6**
Covers for cable-duct	60 (2.36)	144 (5.67)	Blue	AK2GA615	**AK2CA6**

Ø 22 (0.87) mm (in.) Cable-Duct Support

SBM CRN S3D PLS PLM PLA S3CM





NSYSPCP

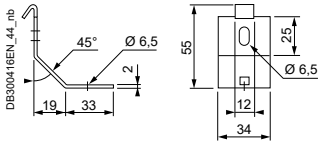
- Installed on the door of the wall-mounted or floor-standing enclosure combined with Ø 22 (0.87) mm (in.) elements.
- Material: Treated steel

Supply:
10 units. Reference by unit.
Order by multiples of 10 (10, 20, 30...)

Characteristics	References
Ø 22 (0.87) mm (in.) cable-duct support	**NSYSPCP**

Cable-duct Support on Technical Upright

SM SFN SMX SFX PLA SD





NSYCDS

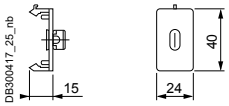
- Allows cable ducts to be installed on technical uprights, while increasing the usable surface of the equipment (up to 20% according to the width of the cable duct).
- Material: Galvanized steel

Supply:
10 units. Reference by unit.
Order by multiples of 10 (10, 20, 30...)

Characteristics	References
Cable-duct support on technical upright	**NSYCDS**

Plastic Cable-Duct Support

SBM CRN S3D PLS PLM PLA S3CM





NSYSPC

- Clips onto the Telequick mounting plate or the 35 (1.38) mm (in.) DIN rail.
- Includes a screw for fixing the cable ducts through the 6.5 (0.26) x 14 (0.55) mm (in.) drill holes made in the back.
- The 2 functions, clipping and bolting, provide considerable time savings.
- Respects electrical insulation.
- Material: Black polyamide.

Supply:
20 units. Reference by unit.
Order by multiples of 20 (20, 40, 60...)

Characteristics		References
Plastic cable-duct support		**NSYSPC**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Door Accessories

Doors

Internal Door

CRN S3D S3X

- Locking with 3 (0.12) mm (in.) double-bar lock.
- The internal door can be installed directly on the front face of the enclosure or on the step slides (not supplied as standard).
- To mount an internal door and a mounting plate at the same time on the step slides is possible as standard.
- Incompatible with the installation of the door stop and door switch.
- For further details, please consult us.
- Material: Steel
- Color: RAL 7035 gray
- Maximum load: 30 (66.1) kg (lbs.)/m²



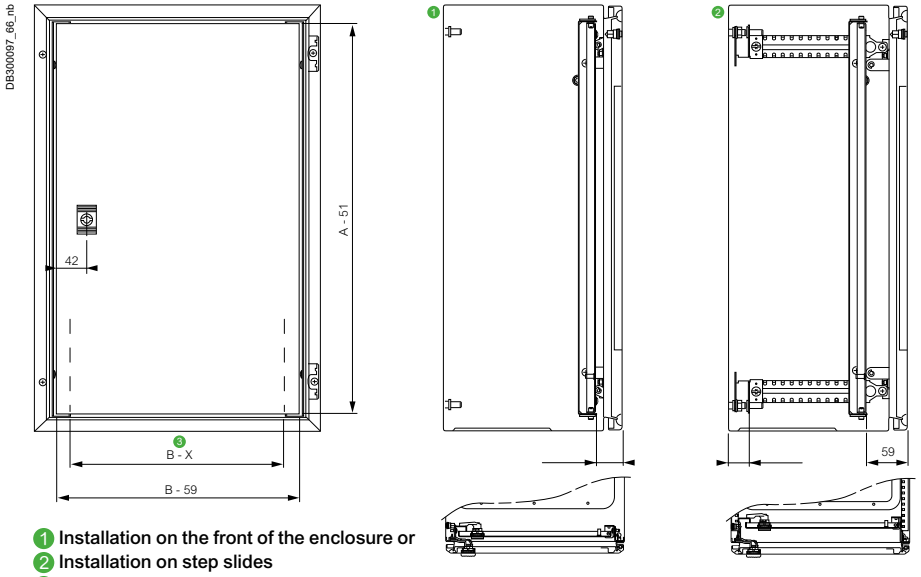
NSYPIN43



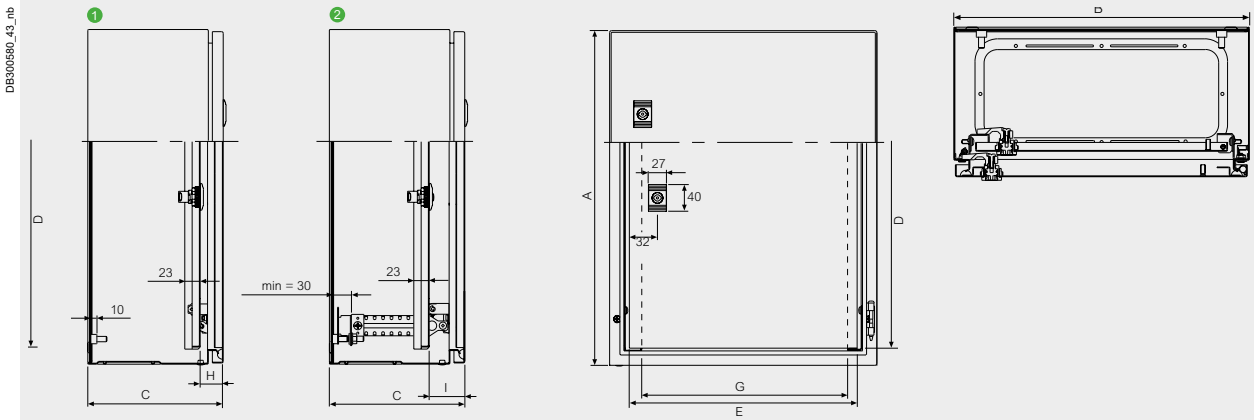
NSYPIN43

Note:
(1) Equipped with welded vertical profiles in order to facilitate cable management.

Characteristics	High mm (in.)	Width mm (in.)	References
Internal door	400 (15.75)	300 (11.81)	**NSYPIN43**
Internal door	500 (19.69)	400 (15.75)	**NSYPIN54**
Internal door	600 (23.62)	400 (15.75)	**NSYPIN64**
Internal door	700 (27.56)	500 (19.69)	**NSYPIN75**
Internal door	800 (31.50)	600 (23.62)	**NSYPIN86** (1)
Internal door	1000 (39.37)	600 (23.62)	**NSYPIN106** (1)
Internal door	1000 (39.37)	800 (31.50)	**NSYPIN108** (1)
Internal door	1200 (47.24)	600 (23.62)	**NSYPIN126**
Internal door	1200 (47.24)	800 (31.50)	**NSYPIN128** (1)



1 **Installation on the front of the enclosure or**
2 **Installation on step slides**
3 Dimension resulting from installation on step slides: B-83 (3.27) mm (in.).
Dimension resulting from direct installation (without step slides): B-91 (3.58) mm (in.)



1 **NSYPIN** internal door fixed directly to the enclosure.

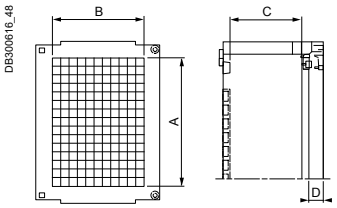
2 **NSYPIN** internal door fixed to the adjustable **NSYSDCR●●** support. In this case, internal door and mounting plate can be adjusted in depth.

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Internal Door

PLM

- Reversible door.
- Grid pattern with a pitch of 25 (0.98) mm (in.) for easier marking before drilling.
- Closes with 2 double-bar locks.
- Door handle.
- Steel internal door, without grid pattern and locking by a screw, for enclosures ref. **NSYPLM3025G**.
- Incompatible with the modular distribution chassis.
- Material: Polyester reinforced with fiberglass, self-extinguishing
- Color: RAL 7035 gray



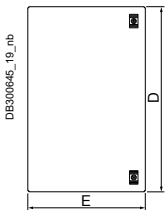
Supply:
Delivered with fixings and brass inserts

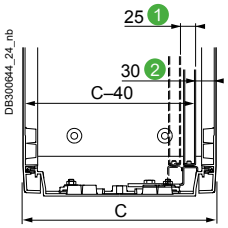

NSYPA3025PLMG

Characteristics	Height mm (in.)	Width mm (in.)	A mm (in.)	B mm (in.)	C mm (in.)	D Plain door mm (in.)	D Transp. door mm (in.)	Reference
Internal door	308 (12.13)	255 (10.04)	248 (9.76)	165 (6.50)	62 (2.44)	76 (2.99)	71 (2.80)	**NSYPA3025PLMG**
Internal door	430 (16.93)	330 (12.99)	315 (12.40)	205 (8.07)	152 (5.98)	26 (1.02)	21 (0.83)	**NSYPAP43G**
Internal door	530 (20.87)	430 (16.93)	415 (16.34)	305 (12.01)	152 (5.98)	26 (1.02)	21 (0.83)	**NSYPAP54G**
Internal door	645 (25.39)	435 (17.13)	515 (20.28)	305 (12.01)	194 (7.64)	32 (1.26)	27 (1.06)	**NSYPAP64G**
Internal door	745 (29.33)	535 (21.06)	615 (24.21)	405 (15.94)	244 (9.61)	32 (1.26)	27 (1.06)	**NSYPAP75G**
Internal door	845 (33.27)	635 (25.00)	715 (28.15)	505 (19.88)	244 (9.61)	32 (1.26)	27 (1.06)	**NSYPAP86G**
Internal door	1055 (41.54)	850 (33.46)	850 (33.46)	650 (25.59)	269 (10.59)	37 (1.46)	32 (1.26)	**NSYPAP108G**

PLA

- Designed for direct installation in enclosures with sealed bottom part. In the enclosures with the bottom part open, installation can be Performed by ordering the necessary adapter plates, ref. **NSYPTZ●●●**.
- Two depthwise mounting positions (two positions for depthwise installation) according to the chosen M8 impressions, on the top and bottom parts of the enclosure, for fixing.
- Lock with 5 (0.20) mm (in.) double-bar inserts.
- Not compatible with: Modular distribution chassis, 19" chassis, cable entry plate and door retainer, ref. **NSYRETPLAU**.
- Material: Aluminum
- Color: RAL 7035 gray





1 Two positions for depthwise installation
2 The 2nd position moves the position of the internal door back by 25 (0.98) mm (in.)

Supply:
Delivered with M8 brass inserts and fixings


PB502906_22_nb


PB502912_25_nb

Characteristics	Dimensions		Internal door dimensions		References
	Height mm (in.)	Width mm (in.)	D mm (in.)	E mm (in.)	
Internal door	500 (19.68)	500 (19.68)	398 (15.67)	398 (15.67)	**NSYPAPLA55G**
Internal door	500 (19.68)	750 (29.53)	398 (15.67)	648 (25.51)	**NSYPAPLA57G**
Internal door	500 (19.68)	1000 (39.37)	398 (15.67)	796 (31.34) (2 x 398 (15.67))	2 x **NSYPAPLA55G**
Internal door	500 (19.68)	1250 (49.21)	398 (15.67)	1046 (41.18) (398 (15.67) + 648 (25.51))	**NSYPAPLA55G** + **NSYPAPLA57G**
Internal door	750 (29.53)	500 (19.68)	648 (25.51)	398 (15.67)	**NSYPAPLA75G**
Internal door	750 (29.53)	750 (29.53)	648 (25.51)	648 (25.51)	**NSYPAPLA77G**
Internal door	750 (29.53)	1000 (39.37)	648 (25.51)	796 (31.34) (2 x 398 (15.67))	2 x **NSYPAPLA75G**
Internal door	750 (29.53)	1250 (49.21)	648 (25.51)	1046 (41.18) (398 (15.67) + 648 (25.51))	**NSYPAPLA75G** + **NSYPAPLA77G**
Internal door	1000 (39.37)	500 (19.68)	898 (35.35)	398 (15.67)	**NSYPAPLA105G**
Internal door	1000 (39.37)	750 (29.53)	898 (35.35)	648 (25.51)	**NSYPAPLA107G**
Internal door	1000 (39.37)	1000 (39.37)	898 (35.35)	796 (31.34) (2 x 398 (15.67))	2 x **NSYPAPLA105G**
Internal door	1000 (39.37)	1250 (49.21)	898 (35.35)	1046 (41.18) (398 (15.67) + 648 (25.51))	**NSYPAPLA105G** + **NSYPAPLA107G**
Internal door	1250 (49.21)	500 (19.68)	1148 (45.20)	398 (15.67)	**NSYPAPLA125G**
Internal door	1250 (49.21)	750 (29.53)	1148 (45.20)	648 (25.51)	**NSYPAPLA127G**
Internal door	1250 (49.21)	1000 (39.37)	1148 (45.20)	796 (31.34) (2 x 398 (15.67))	2 x **NSYPAPLA125G**
Internal door	1250 (49.21)	1250 (49.21)	1148 (45.20)	1046 (41.18) (398 (15.67) + 648 (25.51))	**NSYPAPLA125G** + **NSYPAPLA127G**
Internal door	1500 (59.06)	500 (19.68)	1398 (55.04)	398 (15.67)	**NSYPAPLA155G**
Internal door	1500 (59.06)	750 (29.53)	1398 (55.04)	648 (25.51)	**NSYPAPLA157G**
Internal door	1500 (59.06)	1000 (39.37)	1398 (55.04)	796 (31.34) (2 x 398 (15.67))	2 x **NSYPAPLA155G**
Internal door	1500 (59.06)	1250 (49.21)	1398 (55.04)	1046 (41.18) (398 (15.67) + 648 (25.51))	**NSYPAPLA155G** + **NSYPAPLA157G**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Door Accessories

Doors

Internal Door

SM SFN

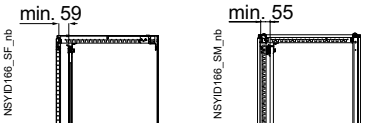


NSYID166



NSYID166

- Door for additional protection. Helps prevent the switchgear from being manipulated by unauthorised personnel.
- Allows the installation of switchgear mounted directly on the door.
- Mounting on the top and bottom frame of the enclosure.
- Depth adjustable with a pitch of 25 (0.98) mm (in.), from the first fixing point.
- Opening to right or left, with two locks, 3 (0.12) mm (in.) double-bar, with central handle.
- Reinforcement frames on the rear, cut-outs with a 25 (0.98) mm (in.) pitch, for equipping the door.
- Maximum acceptable load: 15 (33.1) kg (lbs.).
- Internal doors can be mounted in our stainless-steel floor-standing enclosures (SFX and SMX).
- Material: Steel
- Finish: Structured finish, epoxy polyester powder
- Color: RAL 7035 gray



Comment:
For dimensions see page 81

Supply:
One internal door and fixing elements

Characteristics	Height mm (in.)	Width mm (in.)	References
Internal door	1600 (62.99)	600 (23.62)	**NSYID166**
Internal door	1600 (62.99)	800 (31.50)	**NSYID168**
Internal door	1800 (70.87)	600 (23.62)	**NSYID186**
Internal door	1800 (70.87)	800 (31.50)	**NSYID188**
Internal door	1800 (70.87)	1000 (39.37)	**NSYID1810**
Internal door	2000 (78.74)	600 (23.62)	**NSYID206**
Internal door	2000 (78.74)	800 (31.50)	**NSYID208**
Internal door	2000 (78.74)	1000 (39.37)	**NSYID2010**

Side Door

SFN



PB124779

- Door for the side of the enclosure, can replace the panels.
- Installation directly on the structure of the enclosure, opening 120°.
- Lock with handle and 5 (0.20) mm (in.) double-bar insert. 4 locking points.
- Reinforcement frame, cut-out with a pitch of 25 (0.98) mm (in.).
- Opening to right or left.
- Material: Steel
- Finish: Structured finish, epoxy polyester powder
- Color: RAL 7035 gray

Supply:
One side door, four hinges, four catches, bottom trim and handle lock



NSYSFND188

Characteristics	Height mm (in.)	Depth mm (in.)	References
Side door	1200 (47.24)	600 (23.62)	**NSYSFND126**
Side door	1200 (47.24)	800 (31.50)	**NSYSFND128**
Side door	1400 (55.12)	600 (23.62)	**NSYSFND146**
Side door	1400 (55.12)	800 (31.50)	**NSYSFND148**
Side door	1600 (62.99)	600 (23.62)	**NSYSFND166**
Side door	1600 (62.99)	800 (31.50)	**NSYSFND168**
Side door	1800 (70.87)	400 (15.75)	**NSYSFND184**
Side door	1800 (70.87)	500 (19.69)	**NSYSFND185**
Side door	1800 (70.87)	600 (23.62)	**NSYSFND186**
Side door	1800 (70.87)	800 (31.50)	**NSYSFND188**
Side door	2000 (78.74)	400 (15.75)	**NSYSFND204**
Side door	2000 (78.74)	500 (19.69)	**NSYSFND205**
Side door	2000 (78.74)	600 (23.62)	**NSYSFND206**
Side door	2000 (78.74)	800 (31.50)	**NSYSFND208**
Side door	2200 (86.61)	400 (15.75)	**NSYSFND224**
Side door	2200 (86.61)	500 (19.69)	**NSYSFND225**
Side door	2200 (86.61)	600 (23.62)	**NSYSFND226**
Side door	2200 (86.61)	800 (31.50)	**NSYSFND228**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Partial Doors

NOTICE

PROTECTION RATING DECREASE

Enclosure ingress protection rating decreases to IP54 according to IEC 60529 when installing any type of partial door.

Failure to follow these instructions can result in equipment damage.

Front Fix Panel for Modularity

SM SFN

- Top and bottom fix panel to obtain modularity required to install partial doors.
- It is needed to purchase **NSYMICN6** and **NSYMICN8**.
- Height 100 (3.94) mm (in.) fixed panels are delivered as standard for PanelSeT SFN compartmentalized enclosures.
- Option to order it separately for PanelSeT SFN framework in kit supply.
- Available in 2 heights (mm (in.)).
- Color: RAL 7035 gray.
- Finish: Epoxy-polyester powder.

Supply:
2 crossbars with 2 front fix panels


NSYMFP2M6

Characteristics	Height mm (in.)	Width mm (in.)	References
Front Fix panel for modularity	100 (3.94)	600 (23.62)	**NSYMFP2M6**
Front Fix panel for modularity	250 (9.84)	600 (23.62)	**NSYMFP5M6**
Front Fix panel for modularity	100 (3.94)	800 (31.50)	**NSYMFP2M8**
Front Fix panel for modularity	250 (9.84)	800 (31.50)	**NSYMFP5M8**

Frontal Partial Doors

SM SFN

- Plain partial door with lock 5 (0.20) mm (in.) double-bar insert.
- They are fixed to the uprights of the framework by means of hinges.
- Drilling template for uprights ref. **NSYMDT** (only one drilling template required per order).
- Opening to right or left.
- 1, 2 or 4 locking points depending on height.
- Option to replace locking insert.
- Available in following heights (mm (in.)).
- Color: RAL 7035 gray.
- Finish: Epoxy-polyester powder.


NSYMPD3M6

Characteristics	Height mm (in.)	Width mm (in.)	References
Frontal partial door	150 (5.91)	600 (23.62)	**NSYMPD3M6**
Frontal partial door	200 (7.87)	600 (23.62)	**NSYMPD4M6**
Frontal partial door	250 (9.84)	600 (23.62)	**NSYMPD5M6**
Frontal partial door	300 (11.81)	600 (23.62)	**NSYMPD6M6**
Frontal partial door	400 (15.75)	600 (23.62)	**NSYMPD8M6**
Frontal partial door	450 (17.72)	600 (23.62)	**NSYMPD9M6**
Frontal partial door	600 (23.62)	600 (23.62)	**NSYMPD12M6**
Frontal partial door	800 (31.50)	600 (23.62)	**NSYMPD16M6**
Frontal partial door	900 (35.43)	600 (23.62)	**NSYMPD18M6**
Frontal partial door	1000 (39.37)	600 (23.62)	**NSYMPD20M6**
Frontal partial door	1200 (47.24)	600 (23.62)	**NSYMPD24M6**
Frontal partial door	150 (5.91)	800 (31.50)	**NSYMPD3M8**
Frontal partial door	200 (7.87)	800 (31.50)	**NSYMPD4M8**
Frontal partial door	250 (9.84)	800 (31.50)	**NSYMPD5M8**
Frontal partial door	300 (11.81)	800 (31.50)	**NSYMPD6M8**
Frontal partial door	400 (15.75)	800 (31.50)	**NSYMPD8M8**
Frontal partial door	450 (17.72)	800 (31.50)	**NSYMPD9M8**
Frontal partial door	600 (23.62)	800 (31.50)	**NSYMPD12M8**
Frontal partial door	800 (31.50)	800 (31.50)	**NSYMPD16M8**
Frontal partial door	900 (35.43)	800 (31.50)	**NSYMPD18M8**
Frontal partial door	1000 (39.37)	800 (31.50)	**NSYMPD20M8**
Frontal partial door	1200 (47.24)	800 (31.50)	**NSYMPD24M8**

Frontal Transparent Partial Doors

SM SFN

- Glazed (Securit glass) partial door with lock 5 (0.20) mm (in.) double-bar insert.
- They are fixed to the uprights of the framework by means of hinges.
- Opening to right or left.
- 1 or 2 locking points according different heights.
- Available in following heights mm (in.).
- Color: RAL 7035 gray.
- Finish: Epoxy-polyester powder.


NSYMPD46T

Characteristics	Height mm (in.)	Width mm (in.)	References
Frontal Transparent partial doors	400 (15.75)	600 (23.62)	**NSYMPD46T**
Frontal Transparent partial doors	600 (23.62)	600 (23.62)	**NSYMPD66T**
Frontal Transparent partial doors	800 (31.50)	600 (23.62)	**NSYMPD86T**
Frontal Transparent partial doors	1000 (39.37)	600 (23.62)	**NSYMPD106T**
Frontal Transparent partial doors	400 (15.75)	800 (31.50)	**NSYMPD48T**
Frontal Transparent partial doors	600 (23.62)	800 (31.50)	**NSYMPD68T**
Frontal Transparent partial doors	800 (31.50)	800 (31.50)	**NSYMPD88T**
Frontal Transparent partial doors	1000 (39.37)	800 (31.50)	**NSYMPD108T**

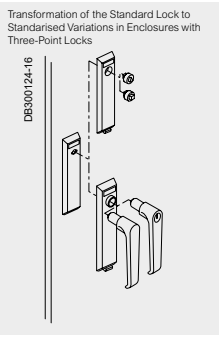
Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

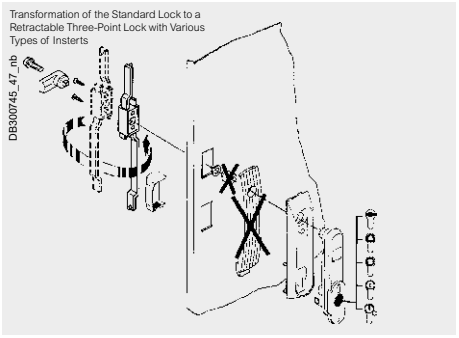
Door Accessories

Handles, Locks and Inserts

Lock for Panel**SeT** CRN Enclosure Three-Point Lock

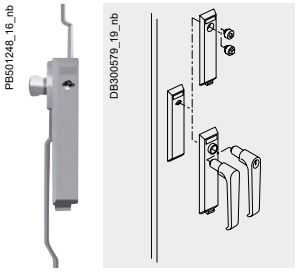
- Standard 5 (0.20) mm (in.) double-bar lock for CRN for heights from 1200 (47.24) mm (in.) and widths from 1000 (39.37) mm (in.).
- Operation using: Key **NSYLDB5** (according to DIN 43668)





Handle Locks for Transformation of the Standard Lock to Standardized Variations in Enclosures with Three-Point Locks

CRN S3X



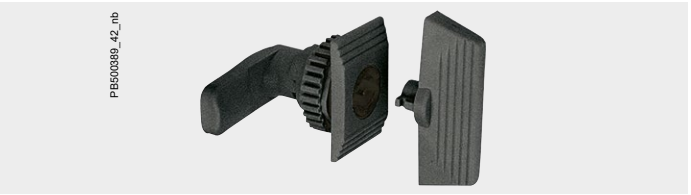

NSYTSML

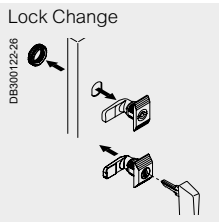
- Protection rating: IP66
- Compatible with PanelSeT S3X double-door enclosures

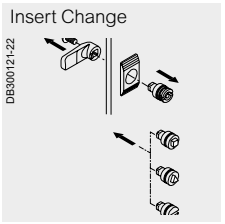
Characteristics	References
Handle lock	**NSYTSML**
Handle lock operated using key 405 (included)	**NSYTL405SML**

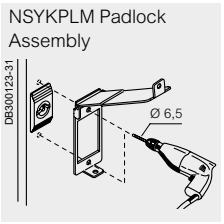
Simple lock for Panel**SeT** CRN Enclosure

- **NSYCDB3** 3 (0.12) mm (in.) Ø standard double-bar lock for heights below 1200 (47.24) mm (in.) and widths below 1000 (39.37) mm (in.).
- By fixing the wing nut to the lock, the double-bar lock becomes a handle lock.
- Operation using:
  wing key ref.: **NSYDBP**
  key **NSYLDB5** (according to DIN 43668)
- **NSYTDBCRN** delivered with 1 metal key









Complete Locks

CRN


NSYCL405CRN


NSYCLL405CRN

Characteristics	References
Complete manual handle lock, operated with key 405	**NSYCL405CRN**
Complete manual handle lock, operated with key 220	**NSYCL220CRN**
Complete metal lock, operated with key 405E	**NSYCLL405CRN**
Lock TJIS	**NSYTJIS**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Standard Locks

S3D

- PanelSeT S3D wall-mounted enclosures are supplied with a 3 (0.12) mm (in.) double-bar lock as **standard**.
- Spare lock: Order ref. **NSYAEDLS3DRL** (escutcheon + cam + washer).
- Large range of standardised inserts covering all the most common needs.
- Installation and removal with a single screw.
- Material: Zamack + polyamide
- Ingress protection rating: IP66 according to IEC 60529

Supply:
Delivered with 1 plastic key


NSYAEDLS6S3D

Characteristics	References
7 (0.28) mm (in.) square	**NSYAEDLS7S3D**
8 (0.31) mm (in.) square	**NSYAEDLS8S3D**
3 (0.12) mm (in.) double-bar	**NSYAEDLB3S3D**
5 (0.20) mm (in.) double-bar	**NSYAEDLB5S3D**
CNOMO 6.5 (0.26) mm (in.) triangular	**NSYAEDLT6S3D**
8 (0.31) mm (in.) triangular	**NSYAEDLT8S3D**

Barrel DIN Kit

S3D

- Mounting of half-cylinder according to DIN 18252 (EN1303). Cam can be turned every 45°.
- Easy mounting instead of standard lock.
- Compatible with PLM barrels offer. See page 449. (Example: **NSYTL1242EME**).
- Material: Polyamide GF
- Ingress protection rating: IP66 according to IEC 60529

Supply:
Delivered with metal cam 1 point and metal cam 3 points


NSYAEDDINS3D

Characteristics	References
Barrel DIN kit	**NSYAEDDINS3D**

Double-Bar 3 (0.12) mm (in.) Metal Lock

S3D

- Easy mounting instead of standard lock.
- Material: Zamak
- Ingress protection rating: IP66 according to IEC 60529

Supply:
Delivered with metal cam 1 point and metal cam 3 points


NSYAEDLB3MS3D

Characteristics	References
Double-bar 3 (0.12) mm (in.) metal lock	**NSYAEDLB3MS3D**

Metal Cam Kit 1 Point and 3 Points

S3D

- To adapt other locks.
- Material: Zinc-coated metal




NSYAEDLMETS3D

Characteristics	References
Metal cam kit 1 point and 3 points	**NSYAEDLMETS3D**

Flat escutcheon lock

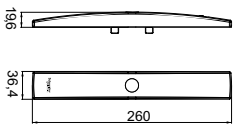



NSYSFLOCK24


NSYSFLOCKT8


NSYSFLOCKT7

- Optional flat escutcheon lock. Replaces the handle lock.
- Easy to change the opening direction of the door, right/ left.
- Option of changing the turning direction of the insert.
- Handle material: Polyamide 6 with 30% fiberglass
- Color: RAL 9005
- Mechanical protection rating: IK10 according to IEC 62262
- Fire resistance: 650°C (1202°F)



Supply:
Flat lock, shape insert, key and fixing elements

Characteristics	References
Flat lock + screwdriver slot, 2 (0.08) mm (in.) groove	**NSYSFLOCK24**
Flat lock + 8 (0.31) mm (in.) triangular insert	**NSYSFLOCKT8**
Flat lock + 7 (0.28) mm (in.) triangular insert	**NSYSFLOCKT7**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Door Accessories

Handles, Locks and Inserts

Standard Handle

S3D



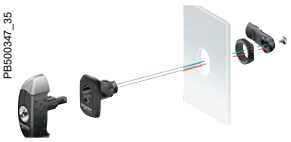
NSYAEDLS3DKDB3

- Operating handle delivered with the enclosure.
- It can be attached to the locking system by means of a fixing element.
- It can also be used to loosen the caps helping protect the studs when painting.

Characteristics	References
Standard handle	**NSYAEDLS3DKDB3**

Standard Handles with Key

S3D



PB500347_35

- Attractive and ergonomic bi-material handle.
- Large range of barrels covering all the most common needs.
- The installation of the standard handle does not require the escutcheon to be removed.
- Locks may only be operated using the supplied keys.
- Delivery: Delivered with 2 keys



NSYAEDL1242S3D

Characteristics	References
405	**NSYAEDL405S3D**
421	**NSYAEDL421S3D**
455	**NSYAEDL455S3D**
520	**NSYAEDL520S3D**
601	**NSYAEDL601S3D**
610E	**NSYAEDL610S3D**
1242	**NSYAEDL1242S3D**
1332E	**NSYAEDL1332S3D**
2124E	**NSYAEDL2124S3D**
2131A	**NSYAEDL2131S3D**
2132A	**NSYAEDL2132S3D**
2133A	**NSYAEDL2133S3D**
2241A	**NSYAEDL2241S3D**
2331A	**NSYAEDL2331S3D**
2432E	**NSYAEDL2432S3D**
2433A	**NSYAEDL2433S3D**
3113A	**NSYAEDL3113S3D**
3123E	**NSYAEDL3123S3D**
3131A	**NSYAEDL3131AS3D**
3132A	**NSYAEDL3132S3D**
3432E	**NSYAEDL3432S3D**
3524E	**NSYAEDL3524S3D**
4322A	**NSYAEDL4322S3D**
4324E	**NSYAEDL4324S3D**
5124A	**NSYAEDL5124S3D**

Other Locks with Keys

S3D



NSYAEDLEDF13S3D

- Material: Zamak
- Ingress protection rating: IP66 (IEC 60529)

Supply:
Delivered with metal cam 1 point and metal cam 3 points

Characteristics	References
EDF 900	**NSYAEDLEDF9S3D**
EDF 1300	**NSYAEDLEDF13S3D**
EDF 1400	**NSYAEDLEDF14S3D**

Padlocks

S3D S3HD

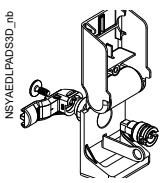


NSYAEDLPADS3D

For NSYAEDLPADS3D
- Easy mounting instead of the standard lock.
- Padlockable, diameter 8 (0.31) mm (in.)
- Material: Zamak
- Ingress protection rating: IP66 (IEC 60529)

For NSYAEDLPADS3DHD
- Easy mounting instead of the standard lock.
- Material: Zamak
- Finish: Anti-corrosive painting

For NSYAEDLPADS3DK3
- Securing of enclosure access.
- Material: White galvanized steel



NSYAEDLPADS3D_nb

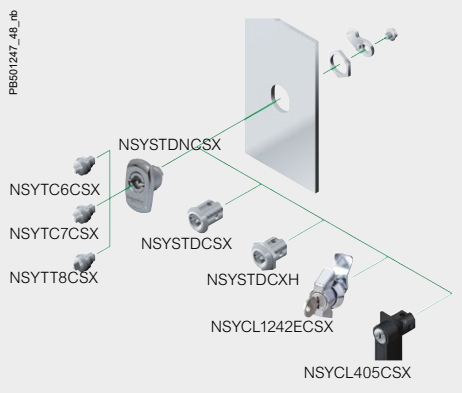
Supply:
NSYAEDLPADS3D: Delivered with metal key
NSYAEDLPADS3DHD: Delivered with 3 (0.12) mm (in.) double-bar metal key

Characteristics	References
Padlock	**NSYAEDLPADS3D**
Heavy-Duty padlockable double lock	**NSYAEDLPADS3DHD**
Padlocking lug	**NSYAEDLPADS3DK3**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

1-Point-Lock Options

S3X



- Protection rating: IP66
- For locks for double-door enclosures please contact us


NSYSTDNCSX


NSYSTDCX2H


NSYCBXHCRN


NSYCL610CSX

Characteristics	Type	Material	References
Double-bar lock	Escutcheon with insert, 3 (0.12) mm (in.)	Chrome-plated zamak	**NSYSTDNCSX**
Insert	Triangular, (0.31) mm (in.)	304L stainless-steel	**NSYTT8CSX**
Insert	Square, 7 (0.28) mm (in.)	304L stainless-steel	**NSYTC7CSX**
Insert	Square, 6 (0.24) mm (in.)	304L stainless-steel	**NSYTC6CSX**
Round lock	Round, 3 (0.12) mm (in.) (spare)	Chrome-plated zamak	**NSYSTDCSX**
Round lock	Round, 3 (0.12) mm (in.)	304L stainless-steel	**NSYSTDCXH**
Round lock	Round	316 stainless-steel, please contact us for availability	**NSYSTDCX2H**
Handle lock	Padlock	316 stainless-steel, please contact us for availability	**NSYCBXHCRN**
Handle lock	1242E	Chrome-plated zamak	**NSYCL1242ECSX**
Handle lock	405	Polyamide	**NSYCL405CSX**
Handle lock	610	Chromed zamak	**NSYCL610CSX**

Padlocks

CRN PLM


NSYKPLM NSYCBCCRN

Characteristics	References
Padlock device Ø 8 (0.31) mm (in.), stainless-steel	**NSYKPLM**
Padlock Ø 7.5 (0.30) mm (in.) / Ø 10 (0.39) mm (in.)	**NSYCBCCRN**

Padlocking Accessories

CRN PLM


NSYBCPL

- Padlocking system, positioned around the long rectangular escutcheon of the enclosures, to block access to the lock, for a Ø 9 (0.35) mm (in.) padlock.

Characteristics	References
Padlock device for large rectangular escucheon	**NSYBCPL**

CRN SMX
SFX PLM


NSYBCME

- Padlocking system, to block access to the retractable handle, for a Ø 9 (0.35) mm (in.) padlock.

Characteristics	References
Padlocking device for retractable handle	**NSYBCME**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Door Accessories

Handles, Locks and Inserts

Closing Locks

PLS


NSYCL27M


NSYCL27L405

- Option of installing a side lock on the opposite side to where the hinges are installed
- Ingress protection rating: IP43

Characteristics	Tool	References
Double-bar side lock and handle	NSYDBP	**NSYCL27M**
Side lock with key 405	Key 405	**NSYCL27L405**

Lock and key

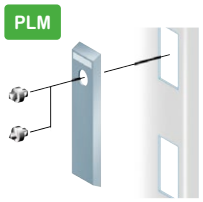
PLM


NSYTL405PLM

Characteristics	References
Lock and key 405	**NSYTL405PLM**
Lock and key 220	**NSYTL220PLM**

Locks and Inserts for Enclosures NSYPLM108/T

PLM

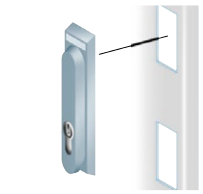

NSYTDB5PL

- Options to convert the insert
- The standard insert can be replaced with other shaped inserts according to the following table.

Characteristics	References
Double-bar insert	**NSYTDB5PL**

Locks and Inserts for Enclosures NSYPLM108/T

PLM

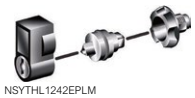

NSYTEDB5PL

- Options to convert to a retractable handle
- The escutcheon and rosette assembly can be replaced with a lock with retractable handle equipped with inserts or barrels according to the following table.

Characteristics	References
5 (0.20) mm (in.) double-bar	**NSYTEDB5PL**
8 (0.31) mm (in.) male triangle	**NSYTET8PL**
Lock key 1242 E	**NSYTEL1242EPL**
Barrel and key 405	**NSYTEL405PL**
JIS key and barrel	**NSYTELJISPL**
Manual	**NSYTEMPL**

Options to Convert the Locks to Double-Bar Inserts NSYPLM32G to NSYPLM86G

PLM


NSYTHL1242EPLM

- Replacement for locking handle with cylindrical barrel, delivered with all the parts required to change the lock.

Characteristics	References
Key 1242 E	**NSYTHL1242EPLM**
Key 405	**NSYTHL405PLM**
Key 421	**NSYTHL421PLM**
Key 455	**NSYTHL455PLM**
Key 2433 A	**NSYTHL2433APLM**
Key 3113 A	**NSYTHL3113APLM**
Manual	**NSYTHPLM**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Transformation of the Standard Lock to a Retractable Three-Point Lock with Various Types of Inserts

CRN SFN SFN IT


NSYTEL405ML

Characteristics	Key references	References
Key operated bar lock	NSYLDB5	**NSYTEDB5ML**
Lock operated with key type 405		**NSYTEL405ML**
Lock operated with reinforced key		**NSYTERML**

Handle for Shaped Inserts and Cylindrical Barrels

SM SFN


NSYSFNHS1

- Easy to change the opening direction of the door, right/left.
- Space reserved for enclosure identification, 21 (0.83) x 27 (1.06) mm (in.), protected by a label frame.
- Handle material: Polyamide 6 with 30% fiberglass
- Color: RAL 9005
- Mechanical protection rating: IK10 according to IEC 62262
- Fire resistance: 650°C (1202°F)

Supply:
Standard handle and fixing elements (insert not included)

Characteristics	References
Handle for shaped inserts and cylindrical barrels	**NSYSFNHS1**

Handles for Insert Types DIN, KABA, ASSA, Insert Handle

SM SFN


NSYSFHD2

- The inserts are easily and quickly mounted without any screws and allow the installation of profiled DIN, KABA and ASSA locks.
- To install shaped inserts or cylindrical barrels, it is necessary to add adapter ref. **NSYLADP**.
- Easy to change the opening direction of the door, right/left.
- Space reserved for enclosure identification, 21 (0.83) x 27 (1.06) mm (in.), protected by a label frame.
- Handle material: Polyamide 6 with fiberglass
- Color: RAL 9005 black
- Mechanical protection rating: IK10 according to IEC 62262
- Glow wire resistance: 650°C (1202°F)

Supply:
One handle for DIN, KABA and ASSA inserts and fixing elements (insert not included)

Characteristics	References
Insert handle	**NSYSFHD2**

Handles for Insert Types DIN, KABA, ASSA, Double-Insert Handle

SM SFN


NSYSFHD3

- The double-insert handle can perform the "AND" and "OR" functions (are supplied with the handle).
  - "AND" function: One insert blocks the activation of the other insert.
  - "OR" function: Either insert can release the handle.
- Easy to change the opening direction of the door, right/left.
- Space reserved for enclosure identification, 21 (0.83) x 27 (1.06) mm (in.), protected by a label frame.
- To install shaped inserts or cylindrical barrels, it is necessary to add adapter ref. **NSYLADP**.
- Handle material: Polyamide 6 with fiberglass
- Color: RAL 9005 black
- Mechanical protection rating: IK10 according to IEC 62262
- Glow wire resistance: 650°C (1202°F).

Supply:
One handle for DIN, KABA and ASSA inserts and fixing elements (insert not included)

Characteristics	References
Double-insert handle	**NSYSFHD3**

Padlock Locking

Coming soon

SM SFN


NSYBLKHN123

- Padlock locking system, for installation in all the handles of the PanelSeT SFN and PanelSeT SM enclosures.
- Screw with 7.5 (0.30) mm (in.) drill hole.

Supply:
One cut-out handle, screw for padlock and screw fixing screw

Characteristics	References
Padlock locking	**NSYBLKHN123**

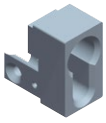
Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Door Accessories

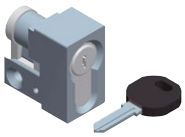
Handles, Locks and Inserts

Lock System: DIN, KABA and ASSA

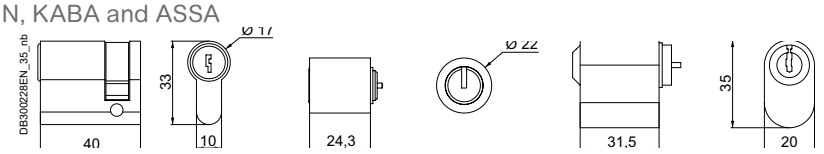
SM SFN PLA SD



NSYINDIN2



NSYIN1242E2



Comment:
NSYINKBA2: Adapter for receiving the KABA8, KABA20 and KABA start cylinders.

Characteristics	References
Adapter for DIN cylinder	**NSYINDIN2**
Adapter for KABA cylinder	**NSYINKBA2**
Adapter for ASSA cylinder	**NSYINASSA2**
1242E key lock	**NSYIN1242E2**
Reinforced key lock	**NSYINKR2**
JIS key lock	**NSYINKJIS2**
FAC key lock	**NSYINKFAC2**

Locks for Partial Doors

SFN PC

Locks to replace the 3 (0.12) mm (in.) double-bar lock supplied with the partial doors.

Models:

- Transformation of lock with shaped inserts, triangular 6.5 (0.26) mm (in.) and square 6 (0.24) mm (in.).
- Lock with 2233X key for partial doors.
- Lock with 2233X key, exclusive for hinged keyboard door.

Supply:
Lock with shaped inserts, triangular 6.5 (0.26) mm (in.) and square 6 (0.24) mm (in.): Metal body, shape insert and safety washer.
Lock with 2233X key for partial doors: metal body, insert, screw, safety washer and key.
Lock with 2233X key, exclusive for hinged keyboard door: Metal body, insert, special screw, safety washer and key.



NSYMLT6

Characteristics	References
With 6.5 (0.26) mm (in.) triangular insert for partial and hinged door	**NSYMLT6**
With 6 (0.24) mm (in.) square insert for partial and hinged door	**NSYMLS6**
With 2233X key for partial door	**NSYML23**
With 2233X key for hinged keyboard door	**NSYMLCD23**

6

Options for Converting the Handle Lock

PLA



NSYCBCMPLAG

- Changing the handle for a handle including a padlocking device (Ø 10 (0.39) mm (in.)) allowing the handle to be locked. The handle is delivered without barrel or insert block.

Characteristics	References
Options for converting the handle lock	**NSYCBCMPLAG**

Options for Converting the Handle Lock

PLA



NSYEBMPLAG

- Spare handle lock without barrel or insert blocks.
  The insert or barrel are to be chosen from the option table.

Characteristics	References
Options for converting the handle lock	**NSYEBMPLAG**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Inserts

CRN SFN PLM SD


NSYTDBCRN


NSYTC6CRN NSYTT6CRN


NSYTC7CRN


NSYTC8CRN NSYTT8CRN

Characteristics	Key references	References
3 (0.12) mm (in.) double-bar	NSYLDB5	**NSYTDBCRN**
6 (0.24) mm (in.) square	NSYLC7	**NSYTC6CRN**
7 (0.28) mm (in.) square	NSYLC7	**NSYTC7CRN**
8 (0.31) mm (in.) square	NSYLC8	**NSYTC8CRN**
6.5 (0.26) mm (in.) triangular	NSYLT8	**NSYTT6CRN**
8 (0.31) mm (in.) triangular	NSYLT8	**NSYTT8CRN**
Screw driver lock		**NSYAEDLSD**

Shape Inserts

SM SFN SMX SFX PLM PLA SD

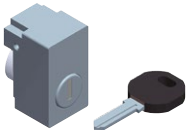

NSYINS61

Characteristics	References
6 (0.24) mm (in.) square insert	**NSYINS61**
7 (0.28) mm (in.) square insert	**NSYINS71**
8 (0.31) mm (in.) square insert	**NSYINS81**
6.5 (0.26) mm (in.) triangular insert	**NSYINT61**
7 (0.28) mm (in.) triangular insert	**NSYINT71**
8 (0.31) mm (in.) triangular insert	**NSYINT81**
9 (0.35) mm (in.) triangular insert	**NSYINT91**
3 (0.12) mm (in.) double-bar insert	**NSYINDB31**
5 (0.20) mm (in.) double-bar insert	**NSYINDB51**
5 (0.20) mm (in.) double bar insert	**NSYTDB5ME**

Barrels

SM SFN SMX SFX PLM PLA SD

- The enclosures PanelSeT SMX and SFX are delivered as standard with a retractable handle made from
- Painted zamak with 5 (0.20) mm (in.) double-bar insert, ref. **NSYMCSX**
- Standard inserts can be replaced by shaped inserts or barrels according the following table.
- Conversion of the standard insert (barrel for key 1242E, ref. **NSYTL1242EME**) to other shaped
- Inserts or barrels according to the following table


NSYIN405E1


NSYTDB5ME

Characteristics	References
405E key lock	**NSYIN405E1**
421E key lock	**NSYIN421E1**
455 key lock	**NSYIN4551**
1242E key lock	**NSYIN1242E1**
2131A key lock	**NSYIN2131A1**
2132A key lock	**NSYIN2132A1**
2433A key lock	**NSYIN2433A1**
2452E key lock	**NSYIN2452E1**
3113A key lock	**NSYIN3113A1**
EDF1300 key lock	**NSYINF1301**
Michelin 8133 keyless lock	**NSYINICHEL8131**
Michelin 8376 keyless lock	**NSYINICHEL8371**
E1 keyless lock	**NSYINE11**
Manual	**NSYTMME**
Barrel and key 405E	**NSYTCL405ME**
Barrel and key 1242E	**NSYTL1242EME**

Adapter for Shaped Inserts and Cylindrical Barrels

SM SFN

- Plastic adapter for installing shaped inserts and cylindrical barrels in handle lock types DIN, KABA, ASSA.
- See shaped inserts and cylindrical barrels.
- See insert types DIN, KABA, ASSA.

Supply:
1 unit


NSYLADP

Characteristics	References
Adapter for shaped inserts and cylindrical barrels	**NSYLADP**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Door Accessories

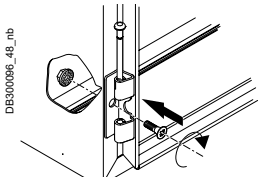
Door Hinges

Door Hinges

S3D


NSYAEDH180S3D


NSYAEDH120S3D



- Captive pin, indexed by a spring.
- Material: Zamak body for ref.**NSYAEDH180S3D**, treated sheet steel body for ref. **NSYAEDH120S3D**, aluminum pin
- Maximum load: For the 180° hinge, the maximum admissible load on the door is 20 (44.1) kg (lbs.)/m²
- For the 120° hinge, the maximum admissible load on the door is 50 (110.2) kg (lbs.)/m²

Supply:
Set of 1 hinge, delivered with fixings

Characteristics	References
180° hinge	**NSYAEDH180S3D**
Standard 120° hinge	**NSYAEDH120S3D**

SBM


NSYAEDHSB

- The hinges allow the cover to be opened by more than 180°.
- They can be installed on all covers of the range.
- Ingress protection rating: IP66 according to IEC 60529

Installation:
- The box must be drilled before installing the 2 or 3 hinges on the body.
- 3 hinges are required for boxes of width more than 500 (19.69) mm (in.)
- A specific mark on the body helps to locate where the hole should be drilled
- Maximum load: 30 (66.1) kg (lbs.)/m² on the hinged cover
- Same reference for all enclosure dimensions

Supply:
Set of 6 hinges delivers with fixing hardware

Characteristics	References
Hinges	**NSYAEDHSB**

SM **SFN**



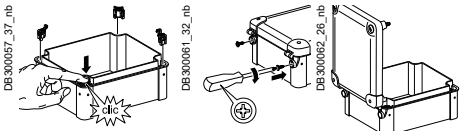
- Hinge with opening of 180°.
- Intended to replace the 120° hinges installed as standard.
- They are compatible with the transparent door and can be installed even with enclosure suites.
- Maximum load: 60 (132.3) kg (lbs.) on the door
- Material: galvanized steel and painting
- Finish: Painted RAL 9005 black
- UL-certified (cULus):
  - SFN: Types 1, 3R, 12 according UL50E
  - SM: Types 1, 2, 3R, 5 and 13 for single-door enclosures

Supply:
4 hinges

Characteristics	References
180° hinge	**NSYSH180NC**

TBS **TBP**


NSYAEDH20TB



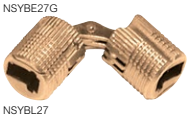
- The hinges can be adapted to all covers with a height of 20 (0.79) and 40 (1.57) mm (in.) with dimensions from 138 (5.43) x 93 (3.66) mm (in.).
- The hinge allows the lid to open fully to 200°.
- Ingress protection rating: IP66 according to IEC 60529
- Installation: The hinge does not require any machining and is installed
- Easily even with the box already equipped
- Maximum load: Hinged cover: 10 (22.0) kg (lbs.)/m²

Supply:
The hinges (2 per set) are delivered with the fixings, minor pack 1

Characteristics	Height of the lid mm (in.)	References
Set of 2 hinges	20	**NSYAEDH20TB**
Set of 2 hinges	40	**NSYAEDH40TB**

PLS


NSYBE27G


NSYBL27

Comment:
IP level cannot be guaranteed due to type of application and installation

- To open the door to 180°.
- External Hinges material: Plastic
- Internal Hinges material: Brass

Supply:
Set of 2 hinges

Characteristics	References
External hinges	**NSYBE27G**
Internal hinges	**NSYBL27**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Door Switch

CRN S3D S3X


NSYINLCRN

- Switch/commutator unit equipped with support and fixings for direct fixing to the enclosure.
- Can be used to control lighting, air-conditioning units, etc.
- It is not compatible with installing the 19" swing rack and the internal door.
- NC + NO contact, 240 V AC / 3 A (IEC 60947-5-1) 250 V DC / 0,1 A (IEC 0947-5-1).

Supply:
1 door switch and fixing elements

Characteristics	References
Door switch	**NSYINLCRN**

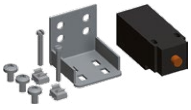
PLA

- NC + NO switch.
- Incompatible with the rear door and modular distribution chassis

Supply:
Switch, fixing bracket and fixings

Characteristics	References
Door switch	**NSYSNLPLA**

SM SFN SFX


NSYDCM20

- The switch is fixed to the structure of the enclosure.
- Drilled M20 cable entry for cable gland.
- NC + NO contact, 240 V AC / 3 A (IEC 60947-5-1) 250 V DC / 0,1 A (IEC 60947-5-1)


NSYDCM20_nb

Supply:
1 door switch and fixing elements

Characteristics	Compatibility	References
Door switch	SFN, SFX	**NSYDCM20**
Door switch	SM	**NSYMDCM20**

Wall-Mounted Door Retainer Steel

CRN S3D S3X


NSYAEDRSCST

To block the door in the open position.
- It is installed on enclosures with heights from 400 (15.75) mm (in.) and widths from 300 (11.81) mm (in.).
- Door opening angle: 120°.
- Earthing connection of the enclosure by means of the reinforcement rail.
- Earthing accessories supplied with the enclosure (earth-connection cable to be ordered separately), for more information see page 459
- Material: Steel

Comment:
It is not compatible with installing the 19" swing rack and the internal door.

Characteristics	References
Wall-mounted door retainer Steel	**NSYAEDRSCST**

Wall-Mounted Door Retainer Polyamide

S3D


NSYAEDRS3DPA6

To block the door in the open position.
- It is installed on the perforated rails of the enclosure doors at the required height.
- Material: Polyamide 6 (PA6)

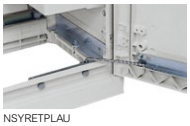
Comment:
It can only be installed enclosures with a height from 400 (15.75) mm and above (including perforated rails).

Characteristics	References
Wall-mounted door retainer polyamide	**NSYAEDRS3DPA6**

Door Retainer

PLA


NSYRETPLA


NSYRETPLAU

- Designed to adapt directly to the enclosure
- Can be installed on a door opening to the left or right indistinctly
- Material: Galvanized steel

Supply:
Delivered with the fixings required for installation

Note:
ref. **NSYRETPLAU** is incompatible with internal doors, modular distribution chassis, step slides, adapter plates and cable entry plates. If not compatible, use ref. **NSYRETPLA**.

Characteristics	References
Door retainer opening to 110°	**NSYRETPLA**
Door retainer with 2 positions, 90° and 120°	**NSYRETPLAU**

6

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Door Accessories

Additional Door Accessories

Keys

CRN SFN



- Insert without keys (unless indicated)

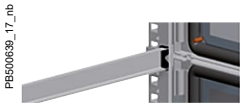
Characteristics	References
Metal key for 5 (0.20) mm (in.) double-bar insert	**NSYLDB5**
Metal key for 7 (0.28) mm (in.) square insert	**NSYLC7**
Metal key for 8 (0.31) mm (in.) square insert	**NSYLC8**
Metal key for 8 (0.31) mm (in.) triangle insert	**NSYLT8**

Intermediate Crossbar

SM SFN



- Mounted between partial doors or between doors and control desk, helping guarantee IP54 according to IEC 60529.
- Crossbar with direct fixing to the structure.
- Available in 2 widths mm (in.).
- Color: RAL 7035 gray.
- Finish: Epoxy-polyester powder.



Supply:
2 crossbars with fixing elements.

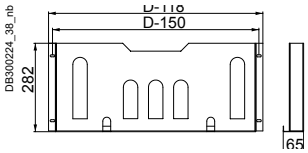
Characteristics	Width mm (in.)	References
PanelSeT SFN-Intermediate Crossbar	600 (23.62)	**NSYMICN6**
PanelSeT SFN-Intermediate Crossbar	800 (31.50)	**NSYMICN8**

Metal Document Pocket

SM SFN SMX SFX



- Direct mounting on the reinforcement frame of the door.
- Adjustable depth with a pitch of 25 (0.98) mm (in.).
- Material: Steel
- Finish: Structured finish, epoxy polyester powder
- Color: RAL 7035 gray



Supply:
1 metal document pocket and fixing elements

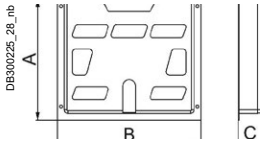
Characteristics	(D) Width mm (in.)	References
Metal document pocket	600 (23.62)	**NSYSDP6M**
Metal document pocket	800 (31.50)	**NSYSDP8M**

Plastic Document Pocket

SM SFN SMX SFX PLM PLA



- Attachment by adhesive tape.
- Material: Polystyrene (PS)
- Color: RAL 7035 gray (**NSYDPA4**: RAL 9001 white)



Comment:
NSYDPA44 not compatible with 19" chassis or modular distribution.

Supply:
1 plastic document pocket

Characteristics	Doc. format	A mm (in.)	B mm (in.)	C mm (in.)	References
Plastic document pocket	A5	174 (6.85)	188 (7.40)	22 (0.87)	**NSYDPA5**
Plastic document pocket	A4	230 (9.06)	247 (9.72)	23 (0.91)	**NSYDPA4**
Plastic document pocket	A4	234 (9.21)	278 (10.94)	40 (1.58)	**NSYDPA44**
Plastic document pocket	A3	285 (11.22)	476 (18.74)	35 (1.38)	**NSYDPA3**

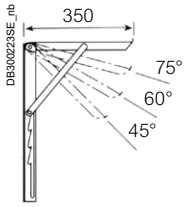
Folding Support Tray

CRN S3D SM SFN SMX SFX





- Adjustable horizontal support for laptop computers, documents or any other element.
- Installation on the reinforcement frame of the door.
- Can also be installed on the door cross-rails, see page 453.
- 4 positions: 45°, 60°, 75° and 90°.
- Maximum load: 30 (66.1) kg (lbs.)
- Material: Steel
- Finish: Structured finish, epoxy polyester powder
- Color: RAL 7035 gray



Supply:
1 folding support tray and fixing elements

Characteristics	Width of enclosure mm (in.)	Width of tray mm (in.)	References
Folding support tray	500 (19.68)	325 (12.80)	**NSYSDT5**
Folding support tray	600 (23.62)	425 (16.73)	**NSYSDT6**
Folding support tray	800 (31.50)	625 (24.61)	**NSYSDT8**

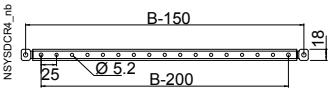
Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Door Accessories

Additional Door Accessories

Door Cross-Rails

SM SFN SMX SFX



- Direct mounting cross-rails on the profiles of the reinforcement frame of the door.
- Adjustable height with a pitch of 25 (0.98) mm (in.).
- Material: Galvanized steel
- Thickness: 20 (0.79)/10^{e} mm (in.)

Supply:
2 cross-rails and bag of fixings

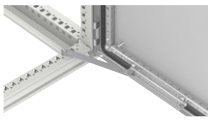

NSYSDCR4

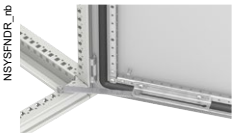
Characteristics	Width (B) mm (in.)	References
Door cross-rails	400 (15.75)	**NSYSDCR4**
Door cross-rails	500 (19.68)	**NSYSDCR5**
Door cross-rails	600 (23.62)	**NSYSDCR6**
Door cross-rails	800 (31.50)	**NSYSDCR8**
Door cross-rails	1000 (39.37)	**NSYSDCR10**

Door Retainer for Floor-Standing Enclosure

SM SFN SFX


NSYSMDR


NSYSFNDR



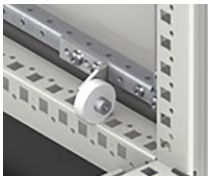
- Door retainer locking the door in open position.
- It is fixed directly to the front frame of them enclosure and to the reinforcement frame of the door.
- It can be installed on doors that open both to the right and to the left.

Supply:
Door stop and fixing elements

Characteristics	Compatibility	Limit	References
Door retainer for floor-standing enclosure	SM	90°	**NSYSMDR**
Door retainer for floor-standing enclosure	SM, SFX	90° and 120°	**NSYSMNDR**
Door retainer for floor-standing enclosure	SFN	90° and 120°	**NSYSFMDR**
Door retainer for floor-standing enclosure	SFN	120°	**NSYSFNDR**

Door-Centering Caster

SM SFN


NSYSDRC

- Allows the door to be raised when closing.
- Direct mounting on the reinforcement frame.
- Maximum load: 92 (202.8) kg (lbs.)
- PanelSeT SM: installation only possible with horizontal adaptation profile NSYSMHR• (see page 368)

Supply:
One centering roller and fixing elements

Characteristics	References
Door-centering caster	**NSYSDRC**

CNOMO Kit

SM SFN


NSYCNOH123



- Locking system to be installed on the central locking bar of the door.
- It works as a locking bar immobiliser, helping prevent the handle from closing while the door is still open.
- It is compatible with all handle lock versions, except the flat lock and the small flat lock.

Supply:
One mechanism and fixing elements

Characteristics	References
CNOMO kit	**NSYCNOH123**

Push-Button

SM SFN PLA SD


NSYINPULS1

Characteristics	Compatibility	References
Push-button	SFN, SM, SD	**NSYINPULS1**
Push-button	PLA	**NSYTSPLA**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Door Accessories

Additional Door Accessories

Closures for PLS Boxes

PLS

- Slotted screw: Included in the standard references of boxes **NSYPLS●●●**.
- Wing screw: Included in the standard references of modular distribution boxes **NSYPLS●●●DLS●●●**.

Supply:
Set of 4, 6 or 8 screws.
The references also include 4 M6 screws for fixing mounting plates and 2 steel sealing accessories


NSYTCD274


NSYTCM274

Characteristics	Tool	References
Set of 4 slotted screws	Flat-blade screwdriver	**NSYTCD274**
Set of 6 slotted screws	Flat-blade screwdriver	**NSYTCD276**
Set of 8 slotted screws	Flat-blade screwdriver	**NSYTCD278**
Set of 4 wing screws	Manual	**NSYTCM274**

Window for Modular Equipment

CRN S3D PLS PLM PLA

Fig. 1

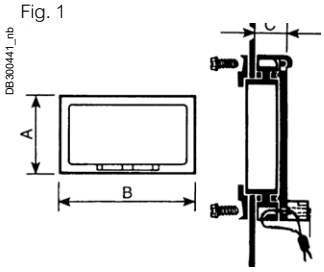
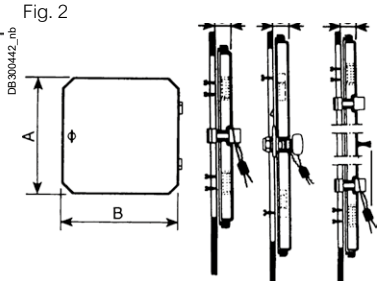


Fig. 2



- Material: Transparent polycarbonate

Supply:
1 window


NSYVA278M

Characteristics	N.° of modules	Fig. n.°	A mm (in.)	B mm (in.)	C mm (in.)	References
Window for modular equipment, Low cover	2	1	78 (3.07)	60 (2.36)	15 (0.59)	**NSYVA272M**
Window for modular equipment, Low cover	4	1	78 (3.07)	95 (3.74)	15 (0.59)	**NSYVA274M**
Window for modular equipment, Low cover	6	1	78 (3.07)	130 (5.12)	15 (0.59)	**NSYVA276M**
Window for modular equipment, Low cover	8	1	78 (3.07)	165 (6.50)	15 (0.59)	**NSYVA278M**
Window for modular equipment, Low cover	10	1	78 (3.07)	200 (7.87)	15 (0.59)	**NSYVA2710M**
Window for modular equipment, Low cover	12	1	78 (3.07)	235 (9.25)	15 (0.59)	**NSYVA2712M**
Window for modular equipment, High cover	2	1	78 (3.07)	60 (2.36)	25 (0.98)	**NSYVA272MA**
Window for modular equipment, High cover	4	1	78 (3.07)	95 (3.74)	25 (0.98)	**NSYVA274MA**
Window for modular equipment, High cover	6	1	78 (3.07)	130 (5.12)	25 (0.98)	**NSYVA276MA**
Window for modular equipment, High cover	8	1	78 (3.07)	165 (6.50)	25 (0.98)	**NSYVA278MA**
Window for modular equipment, High cover	10	1	78 (3.07)	200 (7.87)	25 (0.98)	**NSYVA2710MA**
Window for modular equipment, High cover	12	1	78 (3.07)	235 (9.25)	25 (0.98)	**NSYVA2712MA**
Window for modular equipment, Low cover	16	2	195 (7.68)	165 (6.50)	13 (0.51)	**NSYVA2716M**
Window for modular equipment, Low cover	24 in 2 rows	2	196 (7.72)	235 (9.25)	13 (0.51)	**NSYVA2724M**


NSYVA2724M

Plastic Window

CRN S3D

- Plastic window with hinged cover for installation in front panel.
- External dimensions: 213 (8.39) x 133 (5.24) mm (in.).
- Internal dimensions of the window: 180 (7.09) x 78 (3.07) mm (in.).
- Material:
  - Cover: Polycarbonate
  - Body: PVC

Supply:
1 plastic window delivered with a drilling template


NSYMW10M

Characteristics	References
Plastic window	**NSYMW10M**

Plastic Window for Modular Equipment

CRN S3D

- Frame with transparent hinged cover for mounting modular switchgear on the front panel.
- Opening: 46 x 180 mm (in.) (10 modules).
- Material:
  - Cover: Polycarbonate
  - Body: PVC

Supply:
1 modular front panel


NSYMW10MK

Characteristics	References
Plastic window for modular equipment	**NSYMW10MK**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Kit for Fixing the Switchgear

CRN S3D


NSYMW10MR

- The unit is delivered assembled.

Supply:
1 DIN rail and two supports.

Characteristics	References
Kit for fixing the switchgear	**NSYMW10MR**

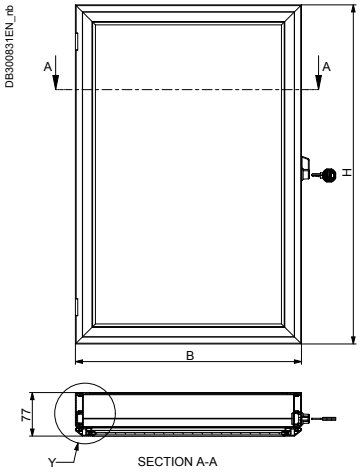
Mounting Example

NSYMW10MK + NSYMW10MR.



Control Window

CRN S3D



- To help prevent accidental operation of the control units by any unauthorised person.
- Allows the displayed information to be read without opening the door.
- Equipped with hinges for opening (180°).
- Locked by a n° 2233X lock.
- Indoor installation.
- Material: Aluminum frame and 3 (0.12) mm (in.) acrylic window

Supply:
1 window, fixings and instruction sheet


NSYCW33

Characteristics	Dimensions **A** mm (in.)	Dimensions **B** mm (in.)	References
Control window	300 (11.81)	300 (11.81)	**NSYCW33**
Control window	400 (15.75)	400 (15.75)	**NSYCW44**
Control window	400 (15.75)	500 (19.69)	**NSYCW45**
Control window	400 (15.75)	600 (23.62)	**NSYCW46**
Control window	500 (19.69)	400 (15.75)	**NSYCW54**
Control window	500 (19.69)	500 (19.69)	**NSYCW55**
Control window	500 (19.69)	600 (23.62)	**NSYCW56**
Control window	600 (23.62)	500 (19.69)	**NSYCW65**
Control window	600 (23.62)	600 (23.62)	**NSYCW66**
Control window	800 (31.50)	600 (23.62)	**NSYCW86**

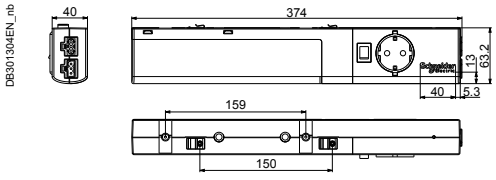
Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Other Accessories

Led Lamps

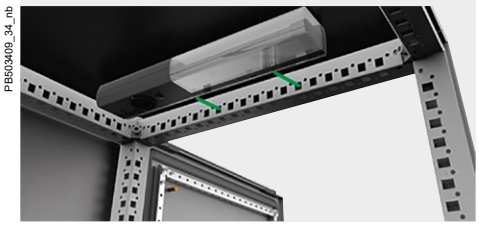
Characteristics	Multi-Fixing LED Lamps
Note: For dimensions see below	
	These LED lamps are designed to optimize the life time, consumption, space and accessibility inside the enclosure, they are available with three fixing options as standard.
Color	Black RAL 9005
Ingress protection rating	IP20 according to IEC60529
Standards	• IEC 60598 • UL 94: For plastic components • UL508A: Control Panel • UL153: Lamps • UL8750: LED for lighting • EN55015: EMC
Other characteristics	• Built-in switch • Power consumption: 10 W • Frequency: 50/60 Hz • Power factor: V AC lamps: 0.9 V DC lamps: 1 • Luminosity: 950 lm* • Light temperature: 4000 K* • LED service life: 25000 h* • Casing: Plastic UL94 • Degree of insulation: Class I - Lamps with socket according to ENEC certificate Class II - Lamps without socket according to ENEC certificate **NSYLAMLDVDC** is Class III according to ENEC Certificate • Compliant with RoHS and Reach • Ambient temperature: Operation: -16 °C to +65 °C (-3 °F to +149 °F) Storage: -10 °C to +60 °C (-14 °F to +140 °F) • Max. 2 Apms and 5 lamps in serial connection
Connections	• 3 (118.11) m (in.) power black or orange cable with quick connector (Not supplied. See reference below) • 1.5 (59.06) m (in.) interconnection black or orange cable with quick connectors (Not supplied. See reference below) According to the directive IEC 60204-1: • Black cables: Power circuits for switch or DC voltage. • Orange cables: External voltage that may be present even if the cabinet is turned off.
Supply	• 1 lamp and fixing elements

Lamp model	Lamps			Cables			
	Socket			Black cables		Orange cables	
			References	Power (3 (118.11) m (in.)) References	Interconnection (1.5 (59.06) m (in.)) References	Power (3 (118.11) m (in.)) References	Interconnection (1.5 (59.06) m (in.)) References
With socket 120 / 230 V AC	SCHUKO		**NSYLAMLDS**	**NSYLAM3M**	**NSYLAM1M**	**NSYLAM3MN**	**NSYLAM1MN**
With socket 120 / 230 V AC	UTE		**NSYLAMLDF**	**NSYLAM3M**	**NSYLAM1M**	**NSYLAM3MN**	**NSYLAM1MN**
With socket 120 / 230 V AC	British		**NSYLAMLDB**	**NSYLAM3M**	**NSYLAM1M**	**NSYLAM3MN**	**NSYLAM1MN**
With socket 120 V AC	USA		**NSYLAMLDU**	**NSYLAM3MUL**	-	-	-
Without socket 120 / 230 V AC	–	–	**NSYLAMLD**	**NSYLAM3M**	**NSYLAM1M**	**NSYLAM3MN**	**NSYLAM1MN**
Without socket 120 / 230 V AC		–		**NSYLAM3MUL**	-	-	-
Without socket - With presence detection 120/230 V AC	–	–	**NSYLAMLDD**	**NSYLAM3M**	**NSYLAM1M**	**NSYLAM3MN**	**NSYLAM1MN**
Without socket - With presence detection 230 V AC				**NSYLAM3MUL**	-	-	-
Without socket - DC 24-48 V DC	–	–	**NSYLAMLDVDC**	**NSYLAM3MDC**	-	-	-
Without socket - DC 24-48 V DC				**NSYLAM3MDCUL**	-	-	-

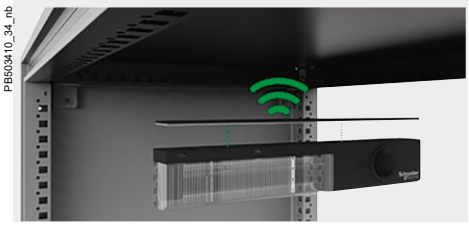


Fixing Options

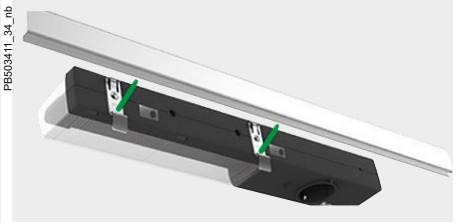
Fixing by Sliding Brackets



Magnetic Fixing



Fixing to DIN Rail



Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

3-Pole Connectors


NSYLAMACF


NSYLAMDCF


NSYLAMACM


NSYLAMDCM

- Designed to connect Multi-Fixing LED Lamps.
- Color:
  AC: Black
  DC: Black (body) and brown (head)
- Ingress protection rating: IP20
- Rated current: 16 A
- Rated voltage: 250 V
- Strain relief: Yes
- Connection type for cabling: Screw connection
- Material: Polyamide
- Dimensions:
  Length: 53.2 (2.09) mm (in.)
  Width: 23 (0.91) mm (in.)
  Height: 13.8 (0.54) mm (in.)
- **Connection data:**
  Cable diameter: 9 (0.35) mm (in.)
  Cable diameter 2: 5.5 (0.22) mm (in.)
  Cross section solid: 2.5 mm²
  Cross section solid 2: 0.5 mm²
  Connection cross section stranded (max.): 2.5 mm²
  Cross section stranded 2: 0.5 mm²

Characteristics	References
3-pole socket type connectors AC model	**NSYLAMACF**
3-pole socket type connectors DC model	**NSYLAMDCF**
3-pole plug type connectors AC model	**NSYLAMACM**
3-pole plug type connectors DC model	**NSYLAMDCM**

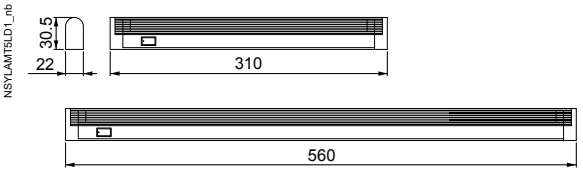
Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Other Accessories

Led Lamps

Cost-Effective LED Lamps

- This LED lamp is designed to optimize costs and can be used in almost all enclosures respecting the dimensions. It can be interconnected using a single power source:
  5 W lamps: Max. 10 lamps interconnected,
  10 W lamps: Max. 5 lamps interconnected.
- Built-in switch
- Light temperature: 4000 K*
- LED service life: 25000 h*
- Casing:
  Plastic for transparent cover and connectors
  Aluminum for body
- Degree of insulation: Class I
- Compliant with RoHS and Reach
- Ambient temperature:
  Operating: -10 °C to +60 °C (-14 °F to +140 °F)
  Storage: -16 °C to +65 °C (-3 °F to +149 °F)
- Color: Aluminum
- Ingress protection rating: IP20 according to IEC60529
- Standards: IEC 60598



Supply:
1 lamp and fixing elements
3 (118.11) m (in.) connection cable with quick connector
1 (39.37) m (in.) interconnection cable with quick connectors

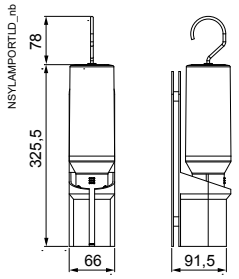
* Approximate values.


NSYLAMT5LD1

Characteristics	Voltage (V)	Power (W)	Power factor	Frequency (Hz)	Luminous flux (lm)*	References
Cost-effective LED lamps	120/230 V AC	5	0.8	50-60	500	**NSYLAMT5LD1**
Cost-effective LED lamps	120/230 V AC	10	0.9	50-60	1100	**NSYLAMT5LD2**
Cost-effective LED lamps	24/48 V DC	5	1	-	470	**NSYLAMT5LD1VDC**

Portable LED Lamp

- This LED portable lamp is designed to be installed as
- Enclosure lamp or maintenance lamp providing mobility,
- Resistance, versatility and durability.
- Double function:
  internal enclosure lamp,
  maintenance lamp.
- E27 LED lamp
- Built-in recessed switch
- Light temperature: 4000 K*
- LED service life: 25000 h*
- Power cable 3 (118.11) m (in.) long with male plug (European standard type)
- Casing: Plastic
- Degree of insulation: Class II
- Compliant with RoHS and Reach
- Ambient temperature:
  Operating: -16 °C to +65 °C (-3 °F to +149 °F)
  Storage: -10 °C to +60 °C (-14 °F to +140 °F)
- Color: Black RAL 9005
- Ingress protection rating: IP20 according to IEC60529
- Standards:
  IEC 60598
  UL 94: For plastic components



Supply:
1 lamp with 3 (118.11) m (in.) power cable with European universal plug
1 fix base
Fixing elements

* Approximate values.


NSYLAMPORTLD

Characteristics	Voltage (V)	Power (W)	Power factor	Frequency (Hz)	Luminous flux (lm)*	References
Portable LED lamp	120/230 V AC	10	0.5	50-60	1100	**NSYLAMPORTLD**

Fixing Options

Magnetic Fixing



Fixing by Adapter Brackets



Possible uses

Fixing by Adhesive or by Screws



Used on Workbench



Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Earthing Strip

SBX


NSYECB1M153

- Perforated brass bar, 15 (0.59) x 3 (0.12) mm (in.).
- 1 (39.37) m (in.) long.
- 87 connection points, M5 drill holes

Supply:
1 earthing stripand fixing elements

Characteristics	References
Earthing strip	**NSYECB1M153**

Earth Braids


NSYEB156D6

- They help guarantee the earth connection for high frequencies, avoiding the disturbing electric currents that are produced.
- Material: Tinned copper.

Supply:
10 earth braids
(nuts and washers not included)

Characteristics	Section (mm²)	Terminal Ø mm (in.)	Length mm (in.)	Width mm (in.)	References
Earth braids	6	7 (0.28)	150 (5.91)	12 (0.47)	**NSYEB156D6**
Earth braids	10	6.5 (0.26)	150 (5.91)	17 (0.67)	**NSYEB1510D6**
Earth braids	16	8.5 (0.33)	155 (6.10)	17 (0.67)	**NSYEB1516D8**
Earth braids	25	8.5 (0.33)	200 (7.87)	27 (1.06)	**NSYEB2025D8**
Earth braids	50	8.5 (0.33)	200 (7.87)	33 (1.30)	**NSYEB2050D8**

Earth Cables


NSYEL136D6

- Make it easier to install a safe earth connection, with a contact, with optimized length.
- Material: Brass and copper alloy terminal, green and yellow PVC insulated sheath

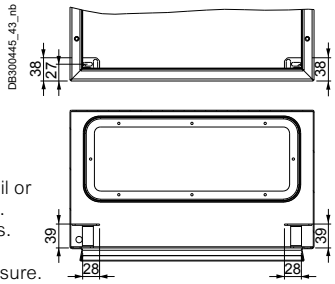
Supply:
10 earth cables (nuts and washers not included). Reference by unit. Order by multiples of 10 (10, 20, 30...)

Characteristics	Section (mm²)	Terminal Ø mm (in.)	Length mm (in.)	References
Earth cables	6	6.4 (0.25)	130 (5.12)	**NSYEL136D6**
Earth cables	6	6.4 (0.25)	160 (6.30)	**NSYEL166D6**
Earth cables	6	8.3 (0.33)	160 (6.30)	**NSYEL166D8**
Earth cables	6	6.4 (0.25)	220 (8.66)	**NSYEL226D6**
Earth cables	25	8.3 (0.33)	220 (8.66)	**NSYEL2225D8**
Earth cables	10	6.4 (0.25)	250 (9.84)	**NSYEL2510D6**
Earth cables	25	8.3 (0.33)	350 (13.78)	**NSYEL3525D8**

Fixing Lugs for the Earthing Strip

S3D S3X


NSYEDCOS




PB501000_42_nb

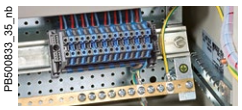
- They allow the mounting of an earth collector rail or a DIN rail at the top and bottom of an enclosure.
- Mounting incompatible with certain accessories. Please consult us.
- Fixing: On holes made in the gutter of the enclosure.

Supply:
2 lugs and fixings.

Characteristics	References
Fixing lugs for the earthing strip	**NSYEDCOS**

Combined Fixing Lugs for the Earthing Strip


NSYEDCOC


PB500833_35_nb

Telequick

- Allows the mounting of an earth collector rail and a DIN rail.
- Tilted to 30°.
- Earthing strip, ref. **NSYECB1M153**. See page 459.

Supply:
Two fixing lugs and fixing elements

Characteristics	References
Combined fixing lugs for the earthing strip	**NSYEDCOC**

Central Earthing Point

SM SFN SMX SFX SD


NSYCEP

- Connects earthing braids and cables to the structure of the enclosure.
- The earth connection is made by means of the M8 x 18 (0.71) mm (in.) screw.
- Fixing: Fixing to the structure by means of self-tapping screws

Supply:
1 central earthing point, elements for fixing to the structure, and fixings for fixing to the screw

Characteristics	References
Central earthing point	**NSYCEP**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Other Accessories

Painting Accessories

Aerosol Paint Can

CRN S3D


NSYBPA7032

- Air-drying paint.
- Content: 150 (0.3) g (lbs.).

Note:
Not available for destinations outside Europe.
NSYBPA703• expires 10 years after its production.

Characteristics	References
Aerosol paint can, RAL 7032	**NSYBPA7032**
Aerosol paint can, RAL 7035 gray	**NSYBPA7035**

Touch-Up Paint

CRN S3D


NSYTUP7035

- Paint for touching up with a brush.
- Air-drying paint.

Characteristics	References
Touch-up paint, RAL 7035 gray	**NSYTUP7035**

Renovation and Anti-Graffiti Paint

PLM PLA


NSYAUPG1G

- Paint kit with 2 components (base 80% + hardener 20%)
- Specially designed for polyester enclosures, for their renovation and/or as prevention to allow easy removal of graffiti.
- Color: RAL 7035 gray

Supply: NSYAUPG1G
The 1 (2.2) kg (lbs.) reference includes 1 pot with 800 (1.8) g (lbs.) of base paint and 200 (0.4) g (lbs.) of hardener (It is enough to paint a surface of around 5 m²).

Characteristics	References
Renovation and anti-graffiti paint	**NSYAUPG1G**

6

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Head Screws

SBM


NSYAEDSBSB NSYAEDSTSB

- The standard Pozidriv head screws can be replaced with the double-bar or triangular shaped head screws, to discourage unauthorised opening of the cover with normal screwdrivers.
- Ingress protection rating: IP66 according to IEC 60529
- Installation: Simply replace the standard screw on the box
- Same reference for all enclosure dimensions

Supply:
1 unit

Characteristics	References
Double-bar shaped head 3 (0.12) mm (in.) screw	**NSYAEDSBSB**
Triangular shaped head 6.5 (0.26) mm (in.) screw	**NSYAEDSTSB**

Self-Tapping Screws

SBM SBX


NSYAMFSB

- Same reference for all enclosure dimensions
- Self-tapping, Pozidriv head, screws, for Ø 5 (0.20) mm (in.) holes.

Supply:
100 units

Characteristics	References
Self-tapping screws	**NSYAMFSB**

Sealing Kit

SBM SBX


NSYPPSB

- The sealing kit helps to set up a lead-sealed cable of cover opening.
- Color: Green
- Ingress protection rating: IP66 according to IEC 60529
- Installation: Replaces the standard sealing washer on the box
- Same reference for all enclosure dimensions

Supply:
1 unit

Characteristics	References
Sealing kit	**NSYPPSB**

Fixing Options, Screw M6

SFN


NSYSPM6

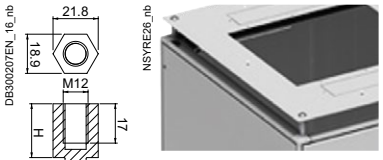
- M6 x 10 (0.39) mm (in.)

Supply:
50 screws

Characteristics	References
Screw M6	**NSYSPM6**

Airing Elevators for Roof

SFN



- Allows the roof to be raised, providing natural airing.
- They are screwed onto the structure at the roof fixing point.
- Material: Zinc-coated steel.
- Can't be used for lifting.

Supply:
4 elevators


NSYRE26

Characteristics	(H) Height mm (in.)	IP	References
Airing elevators for roof	23	10	**NSYRE26**
Airing elevators for roof	60	00	**NSYRE60**

Sealing Gasket

SFN SFN IT

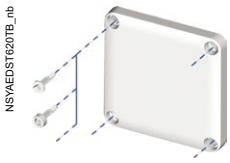

NSYCEK

- Sealing gasket, made from ethylene-propylene with a cross-section of 3 x 10 (0.39) mm (in.), for mounting on the perimeter of the cable gland plates. Adhesive to help guarantee good sealing.

Characteristics	References
Sealing gasket	**NSYCEK**

Cover Accessories Set

TBS TBP



- The polyester boxes are delivered as standard with slotted-head screws for flat-bladed screwdriver from 4 (0.16) to 5.5 (0.22) mm (in.).
- With box sizes from 138 (5.43) x 93 (3.66) x 72 (2.84) mm (in.), these screws can be replaced for screws with different standardised heads to comply with most cases.
- After removing the standard screw, simply position the new screw by pressing on it.
- The adapter clips (intermediate parts for tightening the cover on the body of the box) are the same as those for the standard screws. They are not delivered with the shaped screws.
- A single key for opening the boxes as well as the other enclosures of your installation.

Supply:
Set of 4 shape screws


NSYAEDSB520TB

Characteristics	Minor pack.	Reference
Spare standard plastic screw - Height of the lid 20 (0.79) mm (in.)	1	**NSYAEDS20TB**
Spare standard plastic screw - Height of the lid 40 (1.57) mm (in.)	1	**NSYAEDS40TB**
Spare standard plastic screw - Height of the lid 60 (2.36) mm (in.)	1	**NSYAEDS60TB**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

6

Other Accessories

Additional Accessories

Sealed Pressure Balance Valve

TBS TBP

Balances the pressure to avoid condensation and/or deformations of the boxes due to internal temperature changes. Protection of equipment for luminaires, industrial control, transportation, pumps, etc.
- Material: PA6-V2, acrylic co-polymer membrane, water and oil repellent
- Ingress protection rating: IP68
- Installation: The valve is installed by drilling a hole with Ø 12 (0.47) mm (in.) in the box
- Operating temperature: -40°C (-40°F) ... +105°C (+221°F)
- Permeability: Air flow under ΔP = 0.7 bar
- Pressure difference: Condition for IP68

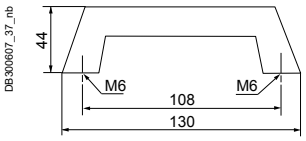
Supply:
10 valves, nuts and seals


NSYCAG12LPH1

Characteristics	Permeability	Pressure difference	Drilling Ø mm (in.)	Minor pack.	Reference
Sealed pressure balance valve IP68	16 liters/h	ΔP < 1 bar	12 (0.47)	1	**NSYCAG12LPH1**
Sealed pressure balance valve IP68	120 liters/h	ΔP < 0.1 bar	12 (0.47)	1	**NSYCAG12LPH2**

Plastic Carrying Handle


NSYATM27



- Material: Plastic
- Ingress protection rating: IP43

Characteristics	References
Plastic carrying handle	**NSYATM27**

Fixing Inserts

PLM

Expanding inserts for addition to the M6 bosses of the enclosure, the M5 or M6 bosses of the door and the M8 bosses of the external rear part of the enclosure.

Supply:
References by unit. Order by multiples of 8 units (8, 16, 24, etc.). M5 and M6 inserts to be ordered in multiples of 20


NSYTEX5 NSYTEX6 NSYTEX8PLM

Characteristics	Insert size	For wall-mounted enclosure	References
Fixing inserts	M5	NSYPLM43G and NSYPLM54G	**NSYTEX5**
Fixing inserts	M6	NSYPLM64G to NSYPLM108G	**NSYTEX6**
Fixing inserts	M8	For the rear of the enclosure	**NSYTEX8PLM**

Airing Louvres

PLM

- They can be positioned inside the wall-mounted enclosures with heights from 430 (16.93) to 846 (33.31) mm (in.), allowing airing through the channels of the enclosure.

Supply:
References by unit. Order by multiples of 2 units (2, 4, 6, etc.)


NSYCAG35LP

Characteristics	References
Airing louvres	**NSYCAG35LP**

Water Drain Plug

PLM

- For drainage of condensed water. (Condensation should be eliminated using ClimaSys solution.) It is placed in the Ø 8.5 (0.34) mm (in.) (8.2 (0.32) mm (in.) for wall-mounted enclosures **NSYPLM32G**, **NSYPLM32TG**, **NSYPLM32PG** and **NSYPLM32BG** diverse accessories) housing at the bottom of the enclosure.
- Ingress protection rating: IP53

Supply:
References by unit. Order by multiples of 10 units (10, 20, 30, etc.)


NSYVEA9

Characteristics	References
Water drain plug	**NSYVEA9**

Blanking Plates

PLM

Aesthetic Accessory. They are positioned on the rear surface of the enclosures to block the openings in the corners in order to improve their appearance or help prevent the entry of unwanted elements in the airing shaft. Supplied as standard for enclosure, ref. **NSYPLM108G**.
- Material: Thermoplastic
- Color: RAL 7035 gray
- Ingress protection rating: IP40

Accessory is mounted outside the IP66-protected area.


NSYCEPLMAG

Characteristics	For wall-mounted enclosure	Reference
Blanking plates	NSYPLM32G	**NSYCEPLMAG**
Blanking plates	NSYPLM43G and NSYPLM54G	**NSYCEPLMBG**
Blanking plates	NSYPLM64G, 75G and 86G	**NSYCEPLMCG**

M8 Inserts

PLA

- To be placed in the bosses molded on the doors, uprights, rear panels and bottom and top parts, for fixing accessories and assorted devices.
- Material: Brass

Supply:
References by unit. Order by multiples of 8 units (8, 16, 24, etc.)


NSYTEX8

Characteristics	References
Fixing inserts	**NSYTEX8**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Adapter Plates

PLA PHD

- The enclosures with open bottom part (versions PLAZ and PLAZT) require a set of adapter plates for mounting: An internal door, step slides, modular chassis and 19" chassis.
- **NSYPTZ●●●** for one door enclosures
- **NSYPTX●●●** 2P for two door enclosures
- Material: Galvanized steel
- Fixing: Fixing on the bottom part of the enclosure by means of M8 inserts and screws (supplied)

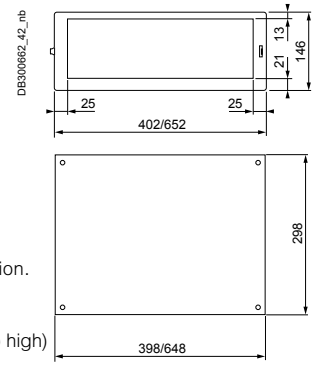



NSYPTZ3

Characteristics	Depth mm (in.)	Number of doors	References
Adapter plates	320 (12.60)	1	**NSYPTZ3**
Adapter plates	320 (12.60)	2	**NSYPTZ32P**
Adapter plates	420 (16.54)	1	**NSYPTZ4**
Adapter plates	420 (16.54)	2	**NSYPTZ42P**
Adapter plates	620 (24.41)	1	**NSYPTZ6**
Adapter plates	620 (24.41)	2	**NSYPTZ62P**

Plain Cover Plate

PLA



- Plain cover plate for non-modular switchgear protection.
- Can be cutted out according to needs.
- Material: Polystyrene (PS) (for 146 (5.75) mm (in.) high)
- Fiberglass reinforced polyester (for 298 (11.73) mm (in.) high)
- Color: RAL 7035 gray

Supply:
Order by multiples of 2 (2, 4, 6...)


NSYCTL500DLPG

Characteristics	For enclosure - Width mm (in.)	Height A mm (in.)	Thickness mm (in.)	References
Plain cover plate	500 (19.69)	146 (5.75)	2 (0.08)	**NSYCTL500DLPG**
Plain cover plate	500 (19.69)	298 (11.73)	4 (0.16)	**NSYCTL500DLP2**
Plain cover plate	750 (29.53)	146 (5.75)	2 (0.08)	**NSYCTL750DLPG**
Plain cover plate	750 (29.53)	298 (11.73)	4 (0.16)	**NSYCTL750DLP2**

Intermediate Support in the Two Door Enclosures

PLA

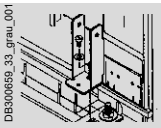
- Required accessory for installing support plates, ref. **NSYBANPLA●●●** or uprights, ref. **NSYSPLA●●●** in the two door enclosures
- Material: Galvanized steel

Supply:
Two support kits


NSYSBPLA

Characteristics	References
Intermediate support in the two door enclosures	**NSYSBPLA**

Recommendation



Intermediate support
Accessory required for installing uprights, ref. **NSYSPLA●●●**.
Only for two door enclosures.
Supply: one (including two supports)
ref. **NSYSBPLA**

Roof Airing Module

PHD

- Airing module to enable airing from the top of the enclosure (H = 95 (3.74) mm (in.)).
- Material: Steel with anti-corrosive painting (C4H according ISO 12.944: 2018)
- Finish: Structured finish, 100% polyester powder
- Color: RAL 7035 gray



Supply:
1


NSYPCVR54HD

Characteristics	Dimensions (W x D)	References
Roof airing module	500 (19.69) x 420 (16.54)	**NSYPCVR54HD**
Roof airing module	750 (29.53) x 420 (16.54)	**NSYPCVR74HD**
Roof airing module	750 (29.53) x 620 (24.41)	**NSYPCVR76HD**
Roof airing module	1250 (49.21) x 420 (16.54)	**NSYPCVR124HD**
Roof airing module	1250 (49.21) x 620 (24.41)	**NSYPCVR126HD**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Spare Parts

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Spare Parts

PanelSeT Steel Enclosures	**466**
PanelSeT Stainless-Steel Enclosures	**471**
PanelSeT Insulated Enclosures	**472**
Specific Application and Customized Solutions	**473**
ClimaSys Thermal Management	**476**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Spare Parts
Panel**SeT** Steel Enclosures

Panel**SeT** SBM: Industrial Boxes


NSYSBMABS4

Accessories	References
Bag of acces. SBM boxes 4 screws	**NSYSBMABS4**
Bag of acces. SBM boxes 6 screws	**NSYSBMABS6**

Panel**SeT** S3D: Wall-Mounted Enclosures


PB500199_48_nb

NSYDS3D32

Single doors	References
Plain door 300 (11.81) x 200 (7.87)	**NSYDS3D32**
Plain door 300 (11.81) x 250 (9.84)	**NSYDS3D325**
Plain door 300 (11.81) x 300 (11.81)	**NSYDS3D33**
Plain door 300 (11.81) x 400 (15.75)	**NSYDS3D34**
Plain door 400 (15.75) x 300 (11.81)	**NSYDS3D43**
Plain door 400 (15.75) x 400 (15.75)	**NSYDS3D44**
Plain door 400 (15.75) x 600 (23.62)	**NSYDS3D46**
Plain door 500 (19.68) x 300 (11.81)	**NSYDS3D53**
Plain door 500 (19.68) x 400 (15.75)	**NSYDS3D54**
Plain door 500 (19.68) x 500 (19.68)	**NSYDS3D55**
Plain door 600 (23.62) x 400 (15.75)	**NSYDS3D64**
Plain door 600 (23.62) x 500 (19.68)	**NSYDS3D65**
Plain door 600 (23.62) x 600 (23.62)	**NSYDS3D66**
Plain door 600 (23.62) x 800 (31.50)	**NSYDS3D68**
Plain door 700 (27.56) x 500 (19.68)	**NSYDS3D75**
Plain door 800 (31.50) x 600 (23.62)	**NSYDS3D86**
Plain door 800 (31.50) x 800 (31.50)	**NSYDS3D88**
Plain door 800 (31.50) x 1000 (39.37)	**NSYDS3D810**
Plain door 1000 (39.37) x 600 (23.62)	**NSYDS3D106**
Plain door 1000 (39.37) x 800 (31.50)	**NSYDS3D108**
Plain door 1000 (39.37) x 1000 (39.37)	**NSYDS3D1010**
Plain door 1200 (47.24) x 1000 (39.37)	**NSYDS3D1210**
Plain door 1200 (47.24) x 600 (23.62)	**NSYDS3D126**
Plain door 1200 (47.24) x 800 (31.50)	**NSYDS3D128**

Door accessories	References
Gasket double-door enclosure (previous version before May 2023)	**NSYGDD**
Set of 5 taps and latches	**NSYS3DTL**
Hinge 120°	**NSYAEDH120S3D**
Hinge 180°	**NSYAEDH180S3D**
Earthing accessories	**References**
Set of 500 earthing labels	**NSYSWMEL**
Fixing hardware cable Gland plate	**References**
100 screws	**NSYS3DCGSB**
Standard screw bag	**NSYS3DCGPSTDSB**
Locking accessories	**References**
Set of 10 linkage guides	**NSYS3DLG**
Standard key DB3	**NSYAEDLS3DKDB3**
Lock + standard key DB3 neutral	**NSYAEDLS3DRLN**
3 point lock linkage H 600 (23.62) mm (in.)	**NSYBTAS3D60**
3 point lock linkage H 700 (27.56) mm (in.)	**NSYBTAS3D70**
3 point lock linkage H 800 (31.50) mm (in.)	**NSYBTAS3D80**
3 point lock linkage H 1000 (39.37) mm (in.)	**NSYBTAS3D100**
3 point lock linkage H 1200 (47.24) mm (in.)	**NSYBTAS3D120**
3 point lock linkage H 1400 (55.12) mm (in.)	**NSYBTAS3D140**
Lock with key type 3131A	**NSYAEDL3131AS3D**
3 point lock linkage (H = 650 (25.59) mm (in.))	**NSYBTAS3D65**
3 point lock linkage (H = 900 (35.43) mm (in.))	**NSYBTAS3D90**
Panels	**References**
50 caps for holes of hinges WM	**NSYSWMCH**
Set of 50 back plugs WM	**NSYSWMBP**

Double door (new design from April 2023)	References
Plain door 800 (31.50) x 500 (19.68) right	**NSYDNS3D85R**
Plain door 800 (31.50) x 500 (19.68) left	**NSYDNS3D85L**
Plain door 800 (31.50) x 600 (23.62) right	**NSYDNS3D86R**
Plain door 800 (31.50) x 600 (23.62) left	**NSYDNS3D86L**
Plain door 1000 (39.37) x 500 (19.68) right	**NSYDNS3D105R**
Plain door 1000 (39.37) x 500 (19.68) left	**NSYDNS3D105L**
Plain door 1000 (39.37) x 600 (23.62) right	**NSYDNS3D106R**
Plain door 1000 (39.37) x 600 (23.62) left	**NSYDNS3D106L**
Plain door 1200 (47.24) x 500 (19.68) right	**NSYDNS3D125R**
Plain door 1200 (47.24) x 500 (19.68) left	**NSYDNS3D125L**
Plain door 1200 (47.24) x 600 (23.62) right	**NSYDNS3D126R**
Plain door 1200 (47.24) x 600 (23.62) left	**NSYDNS3D126L**
Plain door 1400 (55.12) x 500 (19.68) right	**NSYDNS3D145R**
Plain door 1400 (55.12) x 500 (19.68) left	**NSYDNS3D145L**

Double door (previous design before April 2023)	References
Plain door 800 (31.50) x 500 (19.68) right	**NSYDS3D85R**
Plain door 800 (31.50) x 500 (19.68) left	**NSYDS3D85L**
Plain door 800 (31.50) x 600 (23.62) right	**NSYDS3D86R**
Plain door 800 (31.50) x 600 (23.62) left	**NSYDS3D86L**
Plain door 1000 (39.37) x 500 (19.68) right	**NSYDS3D105R**
Plain door 1000 (39.37) x 500 (19.68) left	**NSYDS3D105L**
Plain door 1000 (39.37) x 600 (23.62) right	**NSYDS3D106R**
Plain door 1000 (39.37) x 600 (23.62) left	**NSYDS3D106L**
Plain door 1200 (47.24) x 500 (19.68) right	**NSYDS3D125R**
Plain door 1200 (47.24) x 500 (19.68) left	**NSYDS3D125L**
Plain door 1200 (47.24) x 600 (23.62) right	**NSYDS3D126R**
Plain door 1200 (47.24) x 600 (23.62) left	**NSYDS3D126L**
Plain door 1400 (55.12) x 500 (19.68) right	**NSYDS3D145R**
Plain door 1400 (55.12) x 500 (19.68) left	**NSYDS3D145L**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

PanelSeT S3DM: Wall-Mounted Enclosures


NSYS3DM10615T

Fixing hardware	References
100 screws for cable gland plate	NSYS3DCGSB
Standard screw bag cable gland plate	NSYS3DCGPSTDSB
Earthing accessories	**References**
Set of 500 earthing labels	NSYSWMEL
Locking accessories	**References**
Set of 10 linkage guides	NSYS3DLG
Standard key DB3	NSYAEDLS3DKDB3
3 point lock linkage H 600 (23.62) mm (in.)	NSYBTAS3D60
3 point lock linkage H 700 (27.56) mm (in.)	NSYBTAS3D70
3 point lock linkage H 800 (31.50) mm (in.)	NSYBTAS3D80
3 point lock linkage H 1000 (39.37) mm (in.)	NSYBTAS3D100
Panels WM	**References**
50 caps for holes of hinges	NSYSWMCH
Set of 50 back plugs	NSYSWMBP

PanelSeT S3DB: Wall-Mounted Enclosures

PB500200-42


NSYSWMEL

Earthing accessories	References
Set of 500 earthing labels	NSYSWMEL
Locking accessories	**References**
Standard key DB3	NSYAEDLS3DKDB3
Panels	**References**
50 caps for holes of hinges WM	NSYSWMCH
Set of 50 back plugs WM	NSYSWMBP

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

PanelSeT Steel Enclosures

PanelSeT CRN: Wall-Mounted Enclosures



NSYDCRN22

Doors	References
Plain door H 200 (7.87) x W 200 (7.87)	**NSYDCRN22**
Plain door H 200 (7.87) x W 300 (11.81)	**NSYDCRN23**
Plain door H 250 (9.84) x W 200 (7.87)	**NSYDCRN2520**
Plain door H 300 (11.81) x W 250 (9.84)	**NSYDCRN3025**
Plain door H 300 (11.81) x W 300 (11.81)	**NSYDCRN33**
Plain door H 300 (11.81) x W 400 (15.75)	**NSYDCRN34**
Plain door H 300 (11.81) x W 450 (17.72)	**NSYDCRN3045**
Plain door H 400 (15.75) x W 300 (11.81)	**NSYDCRN43**
Plain door H 400 (15.75) x W 400 (15.75)	**NSYDCRN44**
Plain door H 400 (15.75) x W 600 (23.62)	**NSYDCRN46**
Plain door H 500 (19.68) x W 400 (15.75)	**NSYDCRN54**
Plain door H 500 (19.68) x W 500 (19.68)	**NSYDCRN55**
Plain door H 600 (23.62) x W 400 (15.75)	**NSYDCRN64**
Plain door H 600 (23.62) x W 500 (19.68)	**NSYDCRN65**
Plain door H 600 (23.62) x W 600 (23.62)	**NSYDCRN66**
Plain door H 600 (23.62) x W 800 (31.50)	**NSYDCRN68**
Plain door H 700 (27.56) x W 500 (19.68)	**NSYDCRN75**
Plain door left H 800 (31.50) x W 500 (19.68)	**NSYDCRN85L**
Plain door right H 800 (31.50) x W 500 (19.68)	**NSYDCRN85R**
Plain door H 800 (31.50) x W 600 (23.62)	**NSYDCRN86**
Plain door left H 800 (31.50) x W 600 (23.62)	**NSYDCRN86L**
Plain door right H 800 (31.50) x W 600 (23.62)	**NSYDCRN86R**
Plain door H 800 (31.50) x W 800 (31.50)	**NSYDCRN88**
Plain door left H 1000 (39.37) x W 500 (19.68)	**NSYDCRN105L**
Plain door right H 1000 (39.37) x W 500 (19.68)	**NSYDCRN105R**
Plain door H 1000 (39.37) x W 600 (23.62)	**NSYDCRN106**
Plain door right H 1000 (39.37) x W 600 (23.62)	**NSYDCRN106R**
Plain door left H 1000 (39.37) x W 600 (23.62)	**NSYDCRN106L**
Plain door H 1000 (39.37) x W 800 (31.50)	**NSYDCRN108**
Plain door right H 1200 (47.24) x W 500 (19.68)	**NSYDCRN125R**
Plain door left H 1200 (47.24) x W 500 (19.68)	**NSYDCRN125L**
Plain door H 1200 (47.24) x W 600 (23.62)	**NSYDCRN126**
Plain door right H 1200 (47.24) x W 600 (23.62)	**NSYDCRN126R**
Plain door left H 1200 (47.24) x W 600 (23.62)	**NSYDCRN126L**
Plain door H 1200 (47.24) x W 800 (31.50)	**NSYDCRN128**
Plain door H 1200 (47.24) x W 800 (31.50)	**NSYDCRN128**
Plain door right H 1400 (55.12) x W 500 (19.68)	**NSYDCRN145R**
Plain door left H 1400 (55.12) x W 500 (19.68)	**NSYDCRN145L**

Door Accessories	References
Standard PanelSeT hinge	**NSYBICRN**
Earthing accessories	**References**
Set of 500 earthing labels	**NSYSWMEL**
Locking accessories	**References**
TCRE1 Lock	**NSYTCRE1**
TCRE12 Lock	**NSYTCRE12**
Panels	**References**
Set of 50 back plugs WM	**NSYSWMBP**
Fixing hardware	**References**
Screw bag for CRN cable gland plate	**NSYCRNCGPSTDSB**
Sealing	**References**
Adhesive sealing gasket 18 x 10 2M	**NSYADG2M**
Adhesive sealing gasket 18 x 10 3M	**NSYADG3M**
Adhesive sealing gasket 18 x 10 5M	**NSYADG5M**
Adhesive sealing gasket 18 x 10 20M	**NSYADG20M**

PanelSeT CRNG: Wall-Mounted Enclosures



NSYDCRNG86

Doors	References
Plain door H 800 (31.50) x W 600 (23.62)	**NSYDCRNG86**
Plain door left H 800 (31.50) x W 500 (19.68)	**NSYDCRNG85L**
Plain door right H 800 (31.50) x W 500 (19.68)	**NSYDCRNG85R**
Plain door left H 800 (31.50) x W 600 (23.62)	**NSYDCRNG86L**
Plain door right H 800 (31.50) x W 600 (23.62)	**NSYDCRNG86R**
Plain door H 1000 (39.37) x W 600 (23.62)	**NSYDCRNG106**
Plain door H 1000 (39.37) x W 800 (31.50)	**NSYDCRNG108**
Plain door left H 1000 (39.37) x W 500 (19.68)	**NSYDCRNG105L**
Plain door right H 1000 (39.37) x W 500 (19.68)	**NSYDCRNG105R**
Plain door right H 1000 (39.37) x W 600 (23.62)	**NSYDCRNG106R**
Plain door left H 1000 (39.37) x W 600 (23.62)	**NSYDCRNG106L**
Plain door H 1200 (47.24) x W 600 (23.62)	**NSYDCRNG126**
Plain door H 1200 (47.24) x W 800 (31.50)	**NSYDCRNG128**
Plain door right H 1200 (47.24) x W 500 (19.68)	**NSYDCRNG125R**
Plain door left H 1200 (47.24) x W 500 (19.68)	**NSYDCRNG125L**
Plain door H 1200 (47.24) x W 600 (23.62)	**NSYDCRNG126R**
Plain door left H 1200 (47.24) x W 600 (23.62)	**NSYDCRNG126L**
Plain door right H 1400 (55.12) x W 500 (19.68)	**NSYDCRNG145R**
Plain door left H 1400 (55.12) x W 500 (19.68)	**NSYDCRNG145L**

Door Accessories	References
Hinge 120°	**NSYAEDH120S3D**
Hinge 180°	**NSYAEDH180S3D**
Locking accessories	**References**
3 point lock linkage for PanelSeT CRNG (H = 800 (31.50) mm (in.))	**NSYBTACRNG80**
3 point lock linkage for PanelSeT CRNG (H = 1000 (39.37) mm (in.))	**NSYBTACRNG100**
3 point lock linkage for PanelSeT CRNG (H = 1200 (47.24) mm (in.))	**NSYBTACRNG120**
3 point lock linkage for PanelSeT CRNG (H = 1400 (55.12) mm (in.))	**NSYBTACRNG140**
Earthing accessories	**References**
Set of 500 earthing labels	**NSYSWMEL**
Fixing hardware cable gland plate	**References**
100 screws	**NSYS3DCGSB**
Standard screw bag	**NSYS3DCGPSTDSB**
Panels	**References**
50 caps for holes of hinges WM	**NSYSWMCH**
Set of 50 back plugs WM	**NSYSWMBP**
Others accessories	**References**
Screw bag for CRN cable gland plate	**NSYCRNCGPSTDSB**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

PanelSeT SFN: Floor-Standing Enclosures

PB124775



NSYSFD207

PB503544



NSYTDSSF2D

PB503841



NSYRSF64L

Door accessories	References
Set of 4 Hinges and fixing elements	**NSYDHSF**
Double-door stoppers (2 pieces)	**NSYTDSSFN2D**
Locking accessories	**References**
Locking system for enclosures, single-door version 1200 (47.24)H (right side door for double-door version)	**NSYLCK12SF**
Locking system for enclosures 1 single-door version 1400 (55.12)H	**NSYLCK14SF**
Locking system for enclosures, single-door version 1600 (62.99)H (right side door for double-door version)	**NSYLCK16SF**
Locking system for enclosures, single-door version 1800 (70.87)H (right side door for double-door version)	**NSYLCK18SF**
Locking system for enclosures, single-door version 2000 (78.74)H (right side door for double-door version)	**NSYLCK20SF**
Locking system for enclosures, single-door version 2200 (86.61) H (right side door for double-door version)	**NSYLCK22SF**
Door locking system toothed washer	**NSYLCKWSF**
Handle neutral trim	**NSYSFHNTRIM**
Handle SF	**NSYSFHS1**
Roof	**References**
Roof W 600 (23.62) x D 400 (15.75) mm (in.)	**NSYRSF64L**
Roof W 600 (23.62) x D 600 (23.62) mm (in.)	**NSYRSF66L**
Roof W 800 (31.50) x D 400 (15.75) mm (in.)	**NSYRSF84L**
Roof W 800 (31.50) x D 500 (19.68) mm (in.)	**NSYRSF85L**
Roof W 800 (31.50) x D 600 (23.62) mm (in.)	**NSYRSF86L**
Roof W 800 (31.50) x D 800 (31.50) mm (in.)	**NSYRSF88L**
Roof W 1000 (39.37) x D 400 (15.75) mm (in.)	**NSYRSF104L**
Roof W 1000 (39.37) x D 500 (19.68) mm (in.)	**NSYRSF105L**
Roof W 1000 (39.37) x D 600 (23.62) mm (in.)	**NSYRSF106L**
Roof W 1000 (39.37) x D 800 (31.50) mm (in.)	**NSYRSF108L**
Roof W 1200 (47.24) x D 400 (15.75) mm (in.)	**NSYRSF124L**
Roof W 1200 (47.24) x D 500 (19.68) mm (in.)	**NSYRSF125L**
Roof W 1200 (47.24) x D 600 (23.62) mm (in.)	**NSYRSF126L**

Fixing hardware	References
Captive screws for panels external fixing	**NSYCSSF**
Plinth accessories	**References**
H 100 (3.94) mm (in.) Plastic covers for plinth corners	**NSYPC100**
H 200 (7.87) mm (in.) Plastic covers for plinth corners	**NSYPC200**
Panels	**References**
PrismaSeT back panel H 2000 (78.74) x W 700 (27.56) mm (in.)	**NSYBPN207**
Doors	**References**
Plain door PrismaSeT RAL9003 2000 (78.74) x 700 (27.56) mm (in.)	**NSYSFND207ED**
Plain door PrismaSeT RAL7035 2000 (78.74) x 700 (27.56) mm (in.)	**NSYSFND207G**
Glazed door PrismaSeT RAL9003 2000 (78.74) x 700 (27.56) mm (in.)	**NSYSFND207TED**
Glazed door PrismaSeT RAL7035 2000 (78.74) x 700 (27.56) mm (in.)	**NSYSFND207TG**
Plain door PrismaSeT RAL9003 2000 (78.74) x 300 (11.81)	**NSYSFND203ED**
Std enlarged roof W 1000 (39.37) x D 400 (15.75) mm (in.)	**NSYRSFN104L**
Std enlarged roof W 1000 (39.37) x D 500 (19.68) mm (in.)	**NSYRSFN105L**
Std enlarged roof W 1000 (39.37) x D 600 (23.62) mm (in.)	**NSYRSFN106L**
Std enlarged roof W 1000 (39.37) x D 800 (31.50) mm (in.)	**NSYRSFN108L**
Std enlarged roof W 1200 (47.24) x D 400 (15.75) mm (in.)	**NSYRSFN124L**
Std enlarged roof W 1200 (47.24) x D 500 (19.68) mm (in.)	**NSYRSFN125L**
Std enlarged roof W 1200 (47.24) x D 600 (23.62) mm (in.)	**NSYRSFN126L**
Std enlarged roof W 600 (23.62) x D 400 (15.75) mm (in.)	**NSYRSFN64L**
Std enlarged roof W 600 (23.62) x D 600 (23.62) mm (in.)	**NSYRSFN66L**
Std enlarged roof W 800 (31.50) x D 400 (15.75) mm (in.)	**NSYRSFN84L**
Std enlarged roof W 800 (31.50) x D 500 (19.68) mm (in.)	**NSYRSFN85L**
Std enlarged roof W 800 (31.50) x D 600 (23.62) mm (in.)	**NSYRSFN86L**
Std enlarged roof W 800 (31.50) x D 800 (31.50) mm (in.)	**NSYRSFN88L**
Two door stop double door	**NSYTDSSFN2D**

Spacial SF: Floor-Standing Enclosures

PB502412-55



Door accessories	References
Set of 4 Hinges and fixing elements	**NSYDHSF**
Double-door stoppers (2 pieces)	**NSYTDSSF2D**
Locking accessories	**References**
Locking system for enclosures, single-door version 1200 (47.24)H (right side door for double-door version)	**NSYLCK12SF**
Locking system for enclosures 1 single-door version 1400 (55.12)H	**NSYLCK14SF**
Locking system for enclosures, single-door version 1600 (62.99)H (right side door for double-door version)	**NSYLCK16SF**
Locking system for enclosures, single-door version 1800 (70.87)H (right side door for double-door version)	**NSYLCK18SF**
Locking system for enclosures, single-door version 2000 (78.74)H (right side door for double-door version)	**NSYLCK20SF**
Locking system for enclosures, single-door version 2200 (86.61) H (right side door for double-door version)	**NSYLCK22SF**
Door locking system toothed washer	**NSYLCKWSF**
Handle neutral trim	**NSYSFHNTRIM**
Handle SF	**NSYSFHS1**

Fixing hardware	References
Captive screws for panels external fixing	**NSYCSSF**
Plinth accessories	**References**
H 100 (3.94) mm (in.) Plastic covers for plinth corners	**NSYPC100**
H 200 (7.87) mm (in.) Plastic covers for plinth corners	**NSYPC200**
Panels	**References**
PrismaSeT back panel H 2000 (78.74) x W 700 (27.56) mm (in.)	**NSYBP207**
Doors	**References**
Simple doors of PanelSeT SFN are compatible with Spacial SF. Bottom trim not to be mounted	**NSYSFND***
Double doors of PanelSeT SFN can be used in Spacial SF by replacing the double-door stopper. Bottom trim not to be mounted	**NSYSFND*2D** + **NSYTDSSFN2D**

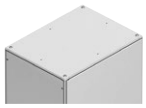
7

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Spare Parts
Panel**SeT** Steel Enclosures

Spacial SF: Floor-Standing Enclosures

PB503272-56



NSYRSF35L

Roof	References
Roof W 300 (11.81) x D 500 (19.68) mm (in.)	**NSYRSF35L**
Roof W 300 (11.81) x D 600 (23.62) mm (in.)	**NSYRSF36L**
Roof W 300 (11.81) x D 800 (31.50) mm (in.)	**NSYRSF38L**
Roof W 400 (15.75) x D 400 (15.75) mm (in.)	**NSYRSF44L**
Roof W 400 (15.75) x D 500 (19.68) mm (in.)	**NSYRSF45L**
Roof W 600 (23.62) x D 400 (15.75) mm (in.)	**NSYRSF64L**
Roof W 600 (23.62) x D 500 (19.68) mm (in.)	**NSYRSF65L**
Roof W 600 (23.62) x D 600 (23.62) mm (in.)	**NSYRSF66L**
Roof W 800 (31.50) x D 400 (15.75) mm (in.)	**NSYRSF84L**
Roof W 800 (31.50) x D 500 (19.68) mm (in.)	**NSYRSF85L**
Roof W 800 (31.50) x D 600 (23.62) mm (in.)	**NSYRSF86L**
Roof W 800 (31.50) x D 800 (31.50) mm (in.)	**NSYRSF88L**
Roof W 1000 (39.37) x D 400 (15.75) mm (in.)	**NSYRSF104L**
Roof W 1000 (39.37) x D 500 (19.68) mm (in.)	**NSYRSF105L**
Roof W 1000 (39.37) x D 600 (23.62) mm (in.)	**NSYRSF106L**
Roof W 1000 (39.37) x D 800 (31.50) mm (in.)	**NSYRSF108L**
Roof W 1200 (47.24) x D 400 (15.75) mm (in.)	**NSYRSF124L**
Roof W 1200 (47.24) x D 500 (19.68) mm (in.)	**NSYRSF125L**
Roof W 1200 (47.24) x D 600 (23.62) mm (in.)	**NSYRSF126L**
Roof W 1200 (47.24) x D 800 (31.50) mm (in.)	**NSYRSF128L**
Roof W 1600 (62.99) x D 400 (15.75) mm (in.)	**NSYRSF164L**
Roof W 1600 (62.99) x D 500 (19.68) mm (in.)	**NSYRSF165L**
Roof W 1600 (62.99) x D 600 (23.62) mm (in.)	**NSYRSF166L**

Panel**SeT** SM: Floor-Standing Enclosures



NSYSMEC1041

Cable gland plates	References
1 entry W 1000 (39.37) x D 400 (15.75) mm (in.)	**NSYSMEC1041**
1 entry W 1000 (39.37) x D 300 (11.81) mm (in.)	**NSYSMEC1031**
1 entry W 1000 (39.37) x D 500 (19.68) mm (in.)	**NSYSMEC1051**
1 entry W 600 (23.62) x D 300 (11.81) mm (in.)	**NSYSMEC631**
1 entry W 600 (23.62) x D 400 (15.75) mm (in.)	**NSYSMEC641**
1 entry W 600 (23.62) x D 600 (23.62) mm (in.)	**NSYSMEC661**
1 entry W 800 (31.50) x D 300 (11.81) mm (in.)	**NSYSMEC831**
1 entry W 800 (31.50) x D 400 (15.75) mm (in.)	**NSYSMEC841**
1 entry W 800 (31.50) x D 500 (19.68) mm (in.)	**NSYSMEC851**
1 entry W 800 (31.50) x D 600 (23.62) mm (in.)	**NSYSMEC861**

Doors	References
Single plain door H 1200 (47.24) x W 800 (31.50)	**NSYSFD128**
Double plain door H 1200 (47.24) x W 1000 (39.37)	**NSYSMD12102D**
Double plain door H 1200 (47.24) x W 1200 (47.24)	**NSYSMD12122D**
Single plain door H 1400 (55.12) x W 600 (23.62)	**NSYSFD146**
Single plain door H 1400 (55.12) x W 800 (31.50)	**NSYSFD148**
Double plain door H 1400 (55.12) x W 1000 (39.37)	**NSYSMD14102D**
Double plain door H 1400 (55.12) x W 1200 (47.24)	**NSYSMD14122D**
Single plain door H 1600 (62.99) x W 600 (23.62)	**NSYSFD166**
Single plain door H 1600 (62.99) x W 800 (31.50)	**NSYSFD168**
Double plain door H 1600 (62.99) x W 1000 (39.37)	**NSYSMD16102D**
Double plain door H 1600 (62.99) x W 1200 (47.24)	**NSYSMD16122D**
Single plain door H 1800 (70.87) x W 600 (23.62)	**NSYSFD186**
Single plain door H 1800 (70.87) x W 800 (31.50)	**NSYSFD188**
Single plain door H 1800 (70.87) x W 1000 (39.37)	**NSYSFD1810**
Double plain door H 1800 (70.87) x W 1000 (39.37)	**NSYSFD18102D**
Double plain door H 1800 (70.87) x W 1200 (47.24)	**NSYSFD18122D**
Double plain door H 1800 (70.87) x W 1600 (62.99)	**NSYSMD18162D**
Single plain door H 2000 (78.74) x W 600 (23.62)	**NSYSFD206**
Single plain door H 2000 (78.74) x W 800 (31.50)	**NSYSFD208**
Single plain door H 2000 (78.74) x W 1000 (39.37)	**NSYSFD2010**
Double plain door H 2000 (78.74) x W 1200 (47.24)	**NSYSFD20122D**
Double plain door H 2000 (78.74) x W 1600 (62.99)	**NSYSFD20162D**

Door accessories	References
Set of 4 hinges and fixing elements	**NSYDHSF**
PanelSeT SM hinges and 2D door stop	**NSYDHSM2D**
Double-door stoppers (2 pieces)	**NSYTDSSF2D**
Locking accessories	**References**
Locking system for enclosures, single-door version 1200 (47.24)H (right side door for double-door version)	**NSYLCK12SF**
Locking system for enclosures, single-door version 1600 (62.99)H (right side door for double-door version)	**NSYLCK16SF**
Locking system for enclosures, single-door version 1800 (70.87)H (right side door for double-door version)	**NSYLCK18SF**
Locking system for enclosures, single-door version 2000 (78.74)H (right side door for double-door version)	**NSYLCK20SF**
Locking system for enclosures, single-door version 2200 (86.61) H (right side door for double-door version)	**NSYLCK22SF**
Locking system for enclosures 1, single-door version 1400 (55.12)H	**NSYLCK14SF**
Door locking system toothed washer	**NSYLCKWSF**
Handle neutral trim	**NSYSFHNTRIM**
Plinth accessories	**References**
H 100 (3.94) mm (in.) Plastic covers for plinth corners	**NSYPC100**
H 200 (7.87) mm (in.) Plastic covers for plinth corners	**NSYPC200**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Spare Parts
PanelSeT Stainless-Steel Enclosures

PanelSeT S3X: Wall-Mounted Enclosures

PB500075_40_nb.tif



Doors	References
Left door 304L for enclosure H1000 (39.37) x W1000 (39.37)	**NSYDS3X1010L**
Left door 316L for enclosure H1000 (39.37) x W1000 (39.37)	**NSYDS3X1010LH**
Right door 304L for enclosure H1000 (39.37) x W1000 (39.37)	**NSYDS3X1010R**
Right door 316L for enclosure H1000 (39.37) x W1000 (39.37)	**NSYDS3X1010RH**
Plain door 304L for enclosure H1000 (39.37) x W800 (31.50)	**NSYDS3X108**
Plain door 316L for enclosure H1000 (39.37) x W800 (31.50)	**NSYDS3X108H**
Left door 304L for enclosure H1200 (47.24) x W1000 (39.37)	**NSYDS3X1210L**
Left door 316L for enclosure H1200 (47.24) x W1000 (39.37)	**NSYDS3X1210LH**
Right door 304L for enclosure H1200 (47.24) x W1000 (39.37)	**NSYDS3X1210R**
Right door 316L for enclosure H1200 (47.24) x W1000 (39.37)	**NSYDS3X1210RH**
Plain door 304L for enclosure H1200 (47.24) x W800 (31.50)	**NSYDS3X128**
Plain door 316L for enclosure H1200 (47.24) x W800 (31.50)	**NSYDS3X128H**
Plain door 304L for enclosure H300 (11.81) x W200 (7.87)	**NSYDS3X32**
Plain door 304L for enclosure H300 (11.81) x W250 (9.84)	**NSYDS3X325**
Plain door 316L for enclosure H300 (11.81) x W250 (9.84)	**NSYDS3X325H**
Plain door 316L for enclosure H300 (11.81) x W200 (7.87)	**NSYDS3X32H**
Plain door 304L for enclosure H300 (11.81) x W300 (11.81)	**NSYDS3X33**
Plain door 316L for enclosure H300 (11.81) x W300 (11.81)	**NSYDS3X33H**
Plain door 304L for enclosure H400 (15.75) x W300 (11.81)	**NSYDS3X43**
Plain door 316L for enclosure H400 (15.75) x W300 (11.81)	**NSYDS3X43H**
Plain door 304L for enclosure H400 (15.75) x W400 (15.75)	**NSYDS3X44**
Plain door 316L for enclosure H400 (15.75) x W400 (15.75)	**NSYDS3X44H**
Plain door 304L for enclosure H400 (15.75) x W600 (23.62)	**NSYDS3X46**

Doors	References
Plain door 316L 400 (15.75) x 600 (23.62) mm (in.)	**NSYDS3X46H**
Plain door 304L 500 (19.68) x 400 (15.75) mm (in.)	**NSYDS3X54**
Plain door 316L 500 (19.68) x 400 (15.75) mm (in.)	**NSYDS3X54H**
Plain door 304L 600 (23.62) x 400 (15.75) mm (in.)	**NSYDS3X64**
Plain door 316L 600 (23.62) x 400 (15.75) mm (in.)	**NSYDS3X64H**
Plain door 304L 600 (23.62) x 600 (23.62) mm (in.)	**NSYDS3X66**
Plain door 316L 600 (23.62) x 600 (23.62) mm (in.)	**NSYDS3X66H**
Plain door 304L 700 (27.56) x 500 (19.68) mm (in.)	**NSYDS3X75**
Plain door 316L 700 (27.56) x 500 (19.68) mm (in.)	**NSYDS3X75H**
Plain door 304L 800 (31.50) x 600 (23.62) mm (in.)	**NSYDS3X86**
Plain door 316L 800 (31.50) x 600 (23.62) mm (in.)	**NSYDS3X86H**
Plain door 304L 800 (31.50) x 800 (31.50) mm (in.)	**NSYDS3X88**
Plain door 316L 800 (31.50) x 800 (31.50) mm (in.)	**NSYDS3X88H**
Transp. door 304L 1000 (39.37) x 800 (31.50) mm (in.)	**NSYDS3X108T**
Transp. door 304L 400 (15.75) x 300 (11.81) mm (in.)	**NSYDS3X43T**
Transp. door 304L 500 (19.68) x 400 (15.75) mm (in.)	**NSYDS3X54T**
Transp. door 304L 600 (23.62) x 400 (15.75) mm (in.)	**NSYDS3X64T**
Transp. door 304L 700 (27.56) x 500 (19.68) mm (in.)	**NSYDS3X75T**
Transp. door 304L 800 (31.50) x 600 (23.62) mm (in.)	**NSYDS3X86T**
Door accessories	**References**
Set of 2 hinges	**NSYHS3X**
Locking accessories	**References**
Locking system 1000 (39.37) mm (in.)	**NSYLSS3X10**
Locking system 1200 (47.24) mm (in.)	**NSYLSS3X12**

PanelSeT SMX and SFX: Wall-Mounted Enclosures

PB500138_26_nb



PB503694



Doors	Related Offer	References
Left door 304L for enclosure H1400 (55.12) x W1000 (39.37)	SMX	**NSYDSFX1410L**
Right door 304L for enclosure H1400 (55.12) x W1000 (39.37)	SMX	**NSYDSFX1410R**
Door 304L for enclosure H1600 (62.99) x W800 (31.50)	SMX	**NSYDSFX168**
Door 304L for enclosure H1800 (70.87) x W600 (23.62)	SMX, SFX	**NSYDSFX186**
Left door for enclosure H1800 (70.87) x W1200 (47.24)	SMX, SFX	**NSYDSFX1812L**
Left door 316L for enclosure H1800 (70.87) x W1200 (47.24)	SMX	**NSYDSFX1812LH**
Right door for enclosure H1800 (70.87) x W1200 (47.24)	SMX, SFX	**NSYDSFX1812R**
Right door 316L for enclosure H1800 (70.87) x W1200 (47.24)	SMX	**NSYDSFX1812RH**
Door 304L for enclosure H1800 (70.87) x W800 (31.50)	SMX, SFX	**NSYDSFX188**
Door 316L for enclosure H1800 (70.87) x W800 (31.50)	SMX	**NSYDSFX188H**
Left door 304L for enclosure H1800 (70.87) x W1600 (62.99)	SMX	**NSYDSFX1816L**
Left door 316L for enclosure H1800 (70.87) x W1600 (62.99)	SMX	**NSYDSFX1816LH**
Right door 304L for enclosure H1800 (70.87) x W1600 (62.99)	SMX	**NSYDSFX1816R**
Right door 316L for enclosure H1800 (70.87) x W1600 (62.99)	SMX	**NSYDSFX1816RH**
Left door for enclosure H2000 (78.74) x W1000 (39.37)	SMX, SFX	**NSYDSFX2010L**
Left door 316L for enclosure H2000 (78.74) x W1000 (39.37)	SMX	**NSYDSFX2010LH**
Right door for enclosure H2000 (78.74) x W1000 (39.37)	SMX, SFX	**NSYDSFX2010R**
Right door 316L for enclosure H2000 (78.74) x W1000 (39.37)	SMX	**NSYDSFX2010RH**
Door for enclosure H1800 (70.87) x W800 (31.50)	SMX, SFX	**NSYDSFX206**
Left door for enclosure H2000 (78.74) x W1200 (47.24)	SMX, SFX	**NSYDSFX2012L**
Left door 316L for enclosure H2000 (78.74) x W1200 (47.24)	SMX	**NSYDSFX2012LH**
Right door for enclosure H2000 (78.74) x W1200 (47.24)	SMX, SFX	**NSYDSFX2012R**
Right door 316L for enclosure H2000 (78.74) x W1200 (47.24)	SMX	**NSYDSFX2012RH**
Door for enclosure H2000 (78.74) x W800 (31.50)	SMX, SFX	**NSYDSFX208**
Left for enclosure door H2000 (78.74) x W1600 (62.99)	SMX, SFX	**NSYDSFX2016L**
Left door 316L for enclosure H2000 (78.74) x W1600 (62.99)	SMX	**NSYDSFX2016LH**
Right door for enclosure H2000 (78.74) x W1600 (62.99) SMX	SMX, SFX	**NSYDSFX2016R**
Right door 316L for enclosure H2000 (78.74) x W1600 (62.99)	SMX	**NSYDSFX2016RH**

Locking system	Related Offer	References
Locking system H = 1400 (55.12) mm (in.)	SMX, SFX	**NSYLSSFX14**
Locking system H = 1600 (62.99) mm (in.)	SMX, SFX	**NSYLSSFX16**
Locking system H = 1800 (70.87) mm (in.)	SMX, SFX	**NSYLSSFX18**
Locking system H = 2000 (78.74) mm (in.)	SMX, SFX	**NSYLSSFX20**
Door accessories	**Related Offer**	**References**
Double-door stoppers (2 pieces)	SMX, SFX	**NSYTDSSF2D**
Set of 3 hinges	SFX	**NSYHSMX**

7

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Spare Parts
PanelSeT Insulated Enclosures

PanelSeT PLM: Wall-Mounted Enclosures



• For RAL 7035

Complete door (door + lock system)	References
Door with locking for PLM32	**NSYDPLM32G**
Door with locking for 2 locks PLM3025	**NSYDPLM3025G**
Door with locking for PLM43	**NSYDPLM43G**
Door with locking for PLM54	**NSYDPLM54G**
Door with locking for PLM64	**NSYDPLM64G**
Door with locking for PLM75	**NSYDPLM75G**
Door with locking for PLM86	**NSYDPLM86G**
Door with locking for PLM108	**NSYDPLM108G**
Glazed door with locking for PLM3025T	**NSYDPLM3025TG**
Glazed door with locking for PLM43T	**NSYDPLM43TG**
Glazed door with locking for PLM54T	**NSYDPLM54TG**
Glazed door with locking for PLM64T	**NSYDPLM64TG**
Glazed door with locking for PLM75T	**NSYDPLM75TG**
Glazed door with locking for PLM86T	**NSYDPLM86TG**
Glazed door with locking for PLM108T	**NSYDPLM108TG**

Door accessories	References
Door hinge for NSYPLM32	**NSYAEDHPLM32**
Door hinge for NSYPLM3025 for 2 locks door	**NSYAEDHPLM3025**
Door hinge for NSYPLM43 to 86	**NSYAEDHPLM**
Door hinge for NSYPLM108	**NSYAEDHPLM108**
Rod guides (4 pieces) for PLM108	**NSYAEDPLM108**
Fixing hardware	**References**
Acc. bag NSYPLM43 to 86	**NSYASPLM**
Locking accessories	**References**
Locking and rods for NSYPLM108	**NSYVPLM108**
Double-bar lock for PLM enclosures from 430 (16.93) to 847 (33.35) mm (in.) high	**NSYCDBPLM**

PanelSeT PLA: Floor-Standing Enclosures



• For RAL 7035

Doors	References
Door 500 (19.68) x 500 (19.68) Lock handle type. Door opening 120°	**NSYDPLA55G**
Door 500 (19.68) x 750 (29.53) Lock handle type. Door opening 120°	**NSYDPLA57G**
Door 750 (29.53) x 500 (19.68) Lock handle type. Door opening 120°	**NSYDPLA75G**
Door 750 (29.53) x 750 (29.53) Lock handle type. Door opening 120°	**NSYDPLA77G**
Door 1000 (39.37) x 500 (19.68) Lock handle type. Door opening 120°	**NSYDPLA105G**
Door 1000 (39.37) x 750 (29.53) Lock handle type. Door opening 120°	**NSYDPLA107G**
Door 1250 (49.21) x 500 (19.68) Lock handle type. Door opening 120°	**NSYDPLA125G**
Door 1250 (49.21) x 750 (29.53) Lock handle type. Door opening 120°	**NSYDPLA127G**
Door 1500 (59.06) x 500 (19.68) Lock handle type. Door opening 120°	**NSYDPLA155G**
Door 1500 (59.06) x 750 (29.53) Lock handle type. Door opening 120°	**NSYDPLA157G**
Door 500 (19.68) x 500 (19.68) Lock handle type. Door opening 180° + Accessory bag 120° hinge	**NSYDPLA55HG**
Door 500 (19.68) x 750 (29.53) Lock handle type. Door opening 180° + Accessory bag 120° hinge	**NSYDPLA57HG**
Door 750 (29.53) x 500 (19.68) Lock handle type. Door opening 180° + Accessory bag 120° hinge	**NSYDPLA75HG**
Door 750 (29.53) x 750 (29.53) Lock handle type. Door opening 180° + Accessory bag 120° hinge	**NSYDPLA77HG**
Door 1000 (39.37) x 500 (19.68) Lock handle type. Door opening 180° + Accessory bag 120° hinge	**NSYDPLA105HG**
Door 1000 (39.37) x 750 (29.53) Lock handle type. Door opening 180° + Accessory bag 120° hinge	**NSYDPLA107HG**
Door 1250 (49.21) x 500 (19.68) Lock handle type. Door opening 180° + Accessory bag 120° hinge	**NSYDPLA125HG**
Door 1250 (49.21) x 750 (29.53) Lock handle type. Door opening 180° + Accessory bag 120° hinge	**NSYDPLA127HG**

• For RAL 7035

Doors	References
Door 1500 (59.06) x 500 (19.68) Lock handle type. Door opening 180° + Accessory bag 120° hinge	**NSYDPLA155HG**
Door 1500 (59.06) x 750 Lock handle type. Door opening 180° + Accessory bag 120° hinge	**NSYDPLA157HG**
Door accessories	**References**
One hinge + axe for PLA (120° opening)	**NSYAEDPLA004**
Kit of axes of door PLAZT (180° opening)	**NSYAEDPLA005**
Rod guide inside the door PLA (set of 2)	**NSYAEDPLA001**
Rod guide on 1 door PLA (set of 2)	**NSYAEDPLA002G**
Rod guide on 2 doors PLA (set of 2)	**NSYAEDPLA003G**
Fixing hardware	**References**
Acc. bag for 1 door H = 500 (19.68)-1000 (39.37) mm (in.)	**NSYASPLA001**
Acc. bag for 2 doorH = 1250 (49.21)-1500 (59.06) mm (in.)	**NSYASPLA002**
Acc. bag for 2 door	**NSYASPLA003**
Locking accessories	**References**
5 (0.20) mm (in.) double bar insert for large escucheon for old PLA without handle	**NSYTDB5PLA**
Handle locking and rods H = 500 (19.68) mm (in.)	**NSYVPLA5MG**
Handle locking and rods H = 750 (29.53) mm (in.)	**NSYVPLA7MG**
Handle locking and rods H = 1000 (39.37) mm (in.)	**NSYVPLA10MG**
Handle locking and rods H = 1250 (49.21) mm (in.)	**NSYVPLA12MG**
Handle locking and rods H = 1500 (59.06) mm (in.)	**NSYVPLA15MG**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Specific Application and Customized Solutions

Human Machine Interface: SD



NSYCCSDF8

Doors	References
Desk lid W 600 (23.62) mm (in.)	**NSYDLSD6**
Desk lid W 800 (31.50) mm (in.)	**NSYDLSD8**
Desk lid W 1000 (39.37) mm (in.)	**NSYDLSD10**
Desk lid W 1200 (47.24) mm (in.)	**NSYDLSD12**
Desk lid for w/console W 800 (31.50) mm (in.)	**NSYDLSDF8**
Desk lid for w/console W 1000 (39.37) mm (in.)	**NSYDLSDF10**
Desk lid for w/console W 1200 (47.24) mm (in.)	**NSYDLSDF12**
Desk lid for w/console W 1600 (62.99) mm (in.)	**NSYDLSDF16**
Folding console cover W 800 (31.50) mm (in.)	**NSYCCSDF8**
Folding console cover W 1000 (39.37) mm (in.)	**NSYCCSDF10**
Folding console cover W 1200 (47.24) mm (in.)	**NSYCCSDF12**
Folding console cover W 1600 (62.99) mm (in.)	**NSYCCSDF16**

Door accessories	References
Hinges compact control desk	**NSYHSD**
Hinges control desk w/console	**NSYHSDF**
Locking accessories	**References**
Standard handle in RAL 7011 (previous version)	**NSYSDH**
Handle rear door (new version)	**NSYBTACRNG140**
Lock w/DB 3 (0.12) mm (in.) for frontal doors	**NSYFDLSD**
Lock w/DB 3 (0.12) mm (in.) desk lids and covers	**NSYDLLSDF**
Flat escutcheon with DB 5 (0.20) mm (in.)	**NSYSDFLOCKDB5**

Human Machine Interface

Door accessories	References
Locking system	**NSYLSSDX**

PanelSeT S3CM: Control Enclosure with Suspension Rack

Doors	References
Plain door H 200 (7.87) x W 200 (7.87)	**NSYDCRN22**
Plain door H 200 (7.87) x W 300 (11.81)	**NSYDCRN23**
Plain door H 250 (9.84) x W 200 (7.87)	**NSYDCRN2520**
Plain door H 300 (11.81) x W 250 (9.84)	**NSYDCRN3025**
Plain door H 300 (11.81) x W 300 (11.81)	**NSYDCRN33**
Plain door H 300 (11.81) x W 400 (15.75)	**NSYDCRN34**
Plain door H 300 (11.81) x W 450 (17.72)	**NSYDCRN3045**
Plain door H 400 (15.75) x W 300 (11.81)	**NSYDCRN43**
Plain door H 400 (15.75) x W 400 (15.75)	**NSYDCRN44**
Plain door H 400 (15.75) x W 600 (23.62)	**NSYDCRN46**
Plain door H 500 (19.68) x W 500 (19.68)	**NSYDCRN55**
Plain door H 600 (23.62) x W 600 (23.62)	**NSYDCRN66**
Plain door H 600 (23.62) x W 800 (31.50)	**NSYDCRN68**
Plain door H 800 (31.50) x W 600 (23.62)	**NSYDCRN86**

Door accessories	References
Standard PanelSeT hinge	**NSYBICRN**
Earthing accessories	**References**
Set of 500 earthing labels	**NSYSWMEL**

Applicative and Customized Solutions: EMC, S3HF

PB500205_46_nb



Earthing accessories	References
Set of 500 earthing labels	**NSYSWMEL**
Locking accessories	**References**
Standard Locking system	**NSYAEDLS3HFDB3**

7

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Spare Parts
Specific Application and Customized Solutions

PanelSeT S3DEX: Explosive Atmospheres


PB501817_54_nb

Doors	References
Plain door 300 (11.81) x 200 (7.87)	**NSYDS3D32**
Plain door 300 (11.81) x 300 (11.81)	**NSYDS3D33**
Plain door 400 (15.75) x 300 (11.81)	**NSYDS3D43**
Plain door 400 (15.75) x 400 (15.75)	**NSYDS3D44**
Plain door 500 (19.68) x 400 (15.75)	**NSYDS3D54**
Plain door 600 (23.62) x 400 (15.75)	**NSYDS3D64**
Plain door 600 (23.62) x 600 (23.62)	**NSYDS3D66**
Plain door 700 (27.56) x 500 (19.68)	**NSYDS3D75**
Plain door 800 (31.50) x 600 (23.62)	**NSYDS3D86**
Plain door 1000 (39.37) x 800 (31.50)	**NSYDS3D108**
Earthing accessories	**References**
Set of 500 earthing labels	**NSYSWMEL**

Locking accessories	References
Set of 10 linkage guides	**NSYS3DLG**
Standard key DB3	**NSYAEDLS3DKDB3**
3 point lock linkage H 600 (23.62) mm (in.)	**NSYBTAS3D60**
3 point lock linkage H 700 (27.56) mm (in.)	**NSYBTAS3D70**
3 point lock linkage H 800 (31.50) mm (in.)	**NSYBTAS3D80**
3 point lock linkage H 1000 (39.37) mm (in.)	**NSYBTAS3D100**
Panels	**References**
50 caps for holes of hinges WM	**NSYSWMCH**
Set of 50 back plugs WM	**NSYSWMBP**

PanelSeT PHD: Outdoor Heavu-Duty Enclosures


PB502630_28_nb

Plain doors (door + lock + hinges + door retainer)	Unic door or right door References	Left door References
H 538 (21.18) x W 500 (19.68)	**NSYDPHD55P**	-
H 788 (31.02) x W 500 (19.68)	**NSYDPHD75P**	-
H 843 (33.19) x W 750 (29.53)	**NSYDPHD77P**	-
H 1093 (43.03) x W 500 (19.68)	**NSYDPHD105P**	-
H 1093 (43.03) x W 750 (29.53)	**NSYDPHD107P**	-
H 1343 (52.87) x W 500 (19.68)	**NSYDPHD125P**	-
H 1343 (52.87) x W 750 (29.53)	**NSYDPHD127P**	-
H 1343 (52.87) x W 1250 (49.21)	**NSYDPHD127P**	**NSYDPHD125LP**
H 1593 (62.72) x W 750 (29.53)	**NSYDPHD157P**	-
H 1593 (62.72) x W 1250 (49.21)	**NSYDPHD157P**	**NSYDPHD155LP**
H 2093 (82.40) x W 750 (29.53)	2 x **NSYDPHD107P**	-
Ribbed doors (door + lock + hinges + door retainer)	**References**	**References**
H 538 (21.18) x W 500 (19.68)	**NSYDPHD55R**	-
H 788 (31.02) x W 500 (19.68)	**NSYDPHD75R**	-
H 843 (33.19) x W 750 (29.53)	**NSYDPHD77R**	-
H 1093 (43.03) x W 500 (19.68)	**NSYDPHD105R**	-
H 1093 (43.03) x W 750 (29.53)	**NSYDPHD107R**	-
H 1343 (52.87) x W 500 (19.68)	**NSYDPHD125R**	-
H 1343 (52.87) x W 750 (29.53)	**NSYDPHD127R**	-
H 1343 (52.87) x W 1250 (49.21)	**NSYDPHD127R**	**NSYDPHD125LR**
H 1593 (62.72) x W 750 (29.53)	**NSYDPHD157R**	-
H 1593 (62.72) x W 1250 (49.21)	**NSYDPHD157R**	**NSYDPHD155LR**
H 2093 (82.40) x W 750 (29.53)	2 x **NSYDPHD107R**	-

Aluminum cable gland plate	References
For enclosure W 750 (29.53) x D 420	**NSYPPC74HD**
For enclosure W 750 (29.53) x D 620	**NSYPPC76HD**
For enclosure W 500 (19.68) x D 420	**NSYPPC54HD**
For enclosure W 1250 (49.21) x D 420	**NSYPPC54HD + NSYPPC74HD**
For enclosure W 1250 (49.21) x D 620	**NSYPPC56HD + NSYPPC76HD**
Screws and nuts for PHD gland plate (10 units)	**NSYPPCPHDSN**
Door accessories	**References**
Set of 4 complete hinges for PHD	**NSYAEDPHD**
Locking accessories	**References**
Complete lock system for PHD H 1000 (39.37)	**NSYVPHD10**
Complete lock system for PHD H 1500 (59.06)	**NSYVPHD15**
Complete lock system for PHD H 2000 (78.74)	2 x **NSYVPHD10**

7

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Specific Application and Customized Solutions

PanelSeT S3HD: Outdoor Heavy-Duty Enclosures


PB502653_21_nb

Heavy-Duty cable gland plate for enclosure	References
H 343 (13.50) x W 200 (7.87) x D 180 (7.09)	**NSYTLAUHD**
H 448 (17.64) x W 300 (11.81) x D 230 (9.06)	**NSYTLCUHD**
H 548 (21.57) x W 400 (15.75) x D 230 (9.06)	**NSYTLDUHD**
H 653 (25.71) x W 400 (15.75) x D 280 (11.02)	**NSYTLDUHD**
H 653 (25.71) x W 600 (23.62) x D 330 (12.99)	**NSYTLGUHD**
H 753 (29.65) x W 500 (19.68) x D 280 (11.02)	**NSYTLEUHD**
H 858 (33.78) x W 600 (23.62) x D 330 (12.99)	**NSYTLGUHD**
H 862 (33.94) x W 800 (31.50) x D 430 (16.93)	2 x **NSYTLDUHD**
H 1062 (41.81) x W 600 (23.62) x D 430 (16.93)	**NSYTLGUHD**
H 1062 (41.81) x W 800 (31.50) x D 430 (16.93)	2 x **NSYTLDUHD**
Door	**References**
Door 300 (11.81) x 200 (7.87) S3HD, without handle	**NSYDS3HD32**
Door 400 (15.75) x 300 (11.81) S3HD, without handle	**NSYDS3HD43**
Door 500 (19.68) x 400 (15.75) S3HD, without handle	**NSYDS3HD54**
Door 600 (23.62) x 400 (15.75) S3HD + linkage locking syst	**NSYDS3HD64**
Door 600 (23.62) x 600 (23.62) S3HD + linkage locking syst	**NSYDS3HD66**
Door 700 (27.56) x 500 (19.68) S3HD + linkage locking syst	**NSYDS3HD75**
Door 800 (31.50) x 600 (23.62) S3HD + linkage locking syst	**NSYDS3HD86**
Door 800 (31.50) x 800 (31.50) S3HD + linkage locking syst	**NSYDS3HD88**
Door 1000 (39.37) x 600 (23.62) S3HD + linkage locking syst	**NSYDS3HD106**
Door 1000 (39.37) x 800 (31.50) S3HD + linkage locking syst	**NSYDS3HD108**

Hinge	References
S3HD hinge	**NSYAEDH120S3HD**
Canopy	**References**
Canopy for S3HD 200 (7.87) (W) x 150 (5.91) (P)	**NSYTJ2015HD**
Canopy for S3HD 300 (11.81) (W) x 200 (7.87) (P)	**NSYTJ3020HD**
Canopy for S3HD 400 (15.75) (W) x 200 (7.87) (P)	**NSYTJ4020HD**
Canopy for S3HD 400 (15.75) (W) x 250 (9.84) (P)	**NSYTJ4025HD**
Canopy for S3HD 600 (23.62) (W) x 300 (11.81) (P)	**NSYTJ6030HD**
Canopy for S3HD 500 (19.68) (W) x 250 (9.84) (P)	**NSYTJ5025HD**
Canopy for S3HD 800 (31.50) (W) x 400 (15.75) (P)	**NSYTJ8040HD**
Canopy for S3HD 600 (23.62) (W) x 400 (15.75) (P)	**NSYTJ6040HD**
Lock	**References**
Lock S3HD DB 3 (0.12) mm (in.) (Escutcheon+cam+washer)	**NSYAEDLS3HDRL**

PanelSeT SFN HD: Outdoor Heavy-Duty Enclosures


NSYSFNHD20860

NSYSFECA64HD

Heavy-Duty cable gland plate for enclosure	References
H 1262 (49.69) x W 600 (23.62) x D 430 (16.93)	**NSYSFECA64HD**
H 1262 (49.69) x W 800 (31.50) x D 430 (16.93)	**NSYSFECA64HD**
H 1262 (49.69) x W 1200 (47.24) x D 430 (16.93)	2 x **NSYSFECA64HD**
H 1281 (50.43) x W 600 (23.62) x D 630 (24.80)	**NSYSFECA66HD**
H 1281 (50.43) x W 800 (31.50) x D 630 (24.80)	**NSYSFECA66HD**
H 1281 (50.43) x W 1200 (47.24) x D 630 (24.80)	2 x **NSYSFECA66HD**
H 1662 (65.43) x W 800 (31.50) x D 430 (16.93)	**NSYSFECA64HD**
H 1662 (65.43) x W 1200 (47.24) x D 430 (16.93)	2 x **NSYSFECA64HD**
H 1681 (66.18) x W 600 (23.62) x D 630 (24.80)	**NSYSFECA66HD**
H 1681 (66.18) x W 800 (31.50) x D 630 (24.80)	**NSYSFECA66HD**
H 1681 (66.18) x W 1200 (47.24) x D 630 (24.80)	2 x **NSYSFECA66HD**
H 2062 (81.18) x W 800 (31.50) x D 430 (16.93)	**NSYSFECA64HD**
Door	**References**
Plain door SFHD 1200 (47.24) x 600 (23.62) mm (in.)	**NSYSFDHD126**
Plain door SFHD 1200 (47.24) x 800 (31.50) mm (in.)	**NSYSFDHD128**
Plain door SFHD 1200 (47.24) x 1200 (47.24) mm (in.)	**NSYSFDHD12122D**
Plain door SFHD 1600 (62.99) x 600 (23.62) mm (in.)	**NSYSFDHD166**
Plain door SFHD 1600 (62.99) x 800 (31.50) mm (in.)	**NSYSFDHD168**
Plain door doble SFHD 1600 x 1200 (47.24) mm (in.)	**NSYSFDHD16122D**
Plain door SFHD 2000 (78.74) x 800 (31.50) mm (in.)	**NSYSFDHD208**

Back Panel	References
SFHD 1200 (47.24) x 600 (23.62) mm (in.)	**NSYBPHD126**
SFHD 1200 (47.24) x 800 (31.50) mm (in.)	**NSYBPHD128**
SFHD 1200 (47.24) x 1200 (47.24) mm (in.)	**NSYBPHD12122D**
SFHD 1600 (62.99) x 600 (23.62) mm (in.)	**NSYBPHD166**
SFHD 1600 (62.99) x 800 (31.50) mm (in.)	**NSYBPHD168**
SFHD 1600 (62.99) x 1200 (47.24) mm (in.)	**NSYBPHD1612**
SFHD 2000 (78.74) x 800 (31.50) mm (in.)	**NSYBPHD208**
Canopy	**References**
SFHD 600 (23.62) x 400 (15.75) mm (in.)	**NSYSC64HD**
SFHD 600 (23.62) x 600 (23.62) mm (in.)	**NSYSC66HD**
SFHD 800 (31.50) x 400 (15.75) mm (in.)	**NSYSC84HD**
SFHD 800 (31.50) x 600 (23.62) mm (in.)	**NSYSC86HD**
SFHD 1200 (47.24) x 400 (15.75) mm (in.)	**NSYSC124HD**
SFHD 1200 (47.24) x 600 (23.62) mm (in.)	**NSYSC126HD**
Handle with 1242E cylindrical barrel	**References**
Handle SFHD 1242E	**NSYSFHS1HD**
Captive screws	**References**
Captive screws for PanelSeT SFHD panels	**NSYCSSFHD**

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

ClimaSys CU: Cooling Units

	Cooling units: Side-mounted models				
	 NSYCUSP001DG	 NSYCUSP003DG	 NSYCUSP002DG	 NSYCUSP004DG	 NSYCUSP10DG
	Condenser Fan Kit	Condenser Fan Kit	Evaporator Fan Kit	Evaporator Fan Kit	Controller Kit
References	**References**	**References**	**References**	**References**	**References**
NSYCU350DG	**NSYCUSP001DG**	-	**NSYCUSP002DG**	-	**NSYCUSP010DG**
NSYCUX350DG	**NSYCUSP001DG**	-	**NSYCUSP002DG**	-	**NSYCUSP010DG**
NSYCU600DG	**NSYCUSP001DG**	-	**NSYCUSP002DG**	-	**NSYCUSP010DG**
NSYCUX600DG	**NSYCUSP001DG**	-	**NSYCUSP002DG**	-	**NSYCUSP010DG**
NSYCU800DG	-	**NSYCUSP003DG**	-	**NSYCUSP004DG**	**NSYCUSP010DG**
NSYCU8002P4DG	-	**NSYCUSP003DG**	-	**NSYCUSP004DG**	**NSYCUSP010DG**
NSYCU1KDG	-	**NSYCUSP003DG**	-	**NSYCUSP004DG**	**NSYCUSP010DG**
NSYCUX1KDG	-	**NSYCUSP003DG**	-	**NSYCUSP004DG**	**NSYCUSP010DG**
NSYCU1K2P4DG	-	**NSYCUSP003DG**	-	**NSYCUSP004DG**	**NSYCUSP010DG**
NSYCUX1K2P4DG	-	**NSYCUSP003DG**	-	**NSYCUSP004DG**	**NSYCUSP010DG**
NSYCU1K2DG	-	**NSYCUSP005DG**	-	**NSYCUSP003DG**	**NSYCUSP010DG**
NSYCU1K22P4DG	-	**NSYCUSP005DG**	-	**NSYCUSP003DG**	**NSYCUSP010DG**
NSYCU1K6DG	-	**NSYCUSP005DG**	-	**NSYCUSP003DG**	**NSYCUSP010DG**
NSYCUX1K6DG	-	**NSYCUSP005DG**	-	**NSYCUSP003DG**	**NSYCUSP010DG**
NSYCU1K62P4DG	-	**NSYCUSP005DG**	-	**NSYCUSP003DG**	**NSYCUSP010DG**
NSYCU2KDG	-	**NSYCUSP005DG**	-	**NSYCUSP003DG**	**NSYCUSP010DG**
NSYCU2K3P4DG	-	**NSYCUSP007DG**	-	**NSYCUSP006DG**	**NSYCUSP010DG**
NSYCUX2K3P4DG	-	**NSYCUSP007DG**	-	**NSYCUSP006DG**	**NSYCUSP010DG**
NSYCU3K2DG	-	**NSYCUSP008DG**	-	**NSYCUSP005DG**	**NSYCUSP010DG**
NSYCU3K23P4DG	-	**NSYCUSP009DG**	-	**NSYCUSP007DG**	**NSYCUSP010DG**
NSYCU4K3P4DG	-	**NSYCUSP009DG**	-	**NSYCUSP007DG**	**NSYCUSP010DG**
NSYCU600RDG	**NSYCUSP001DG**	-	**NSYCUSP002DG**	-	**NSYCUSP010DG**
NSYCU800RDG	-	**NSYCUSP003DG**	-	**NSYCUSP003DG**	**NSYCUSP010DG**
NSYCU8002P4RDG	-	**NSYCUSP003DG**	-	**NSYCUSP003DG**	**NSYCUSP010DG**
NSYCU1K2RDG	-	**NSYCUSP003DG**	-	**NSYCUSP003DG**	**NSYCUSP010DG**
NSYCU1K22P4RDG	-	**NSYCUSP003DG**	-	**NSYCUSP003DG**	**NSYCUSP010DG**
NSYCU1K5RDG	-	**NSYCUSP003DG**	-	**NSYCUSP003DG**	**NSYCUSP010DG**
NSYCU1K52P4RDG	-	**NSYCUSP003DG**	-	**NSYCUSP003DG**	**NSYCUSP010DG**
NSYCU2KRDG	-	**NSYCUSP003DG**	-	**NSYCUSP003DG**	**NSYCUSP010DG**
NSYCU2K3P4RDG	-	**NSYCUSP006DG**	-	**NSYCUSP006DG**	**NSYCUSP010DG**
NSYCU3K3P4RDG	-	**NSYCUSP009DG**	-	**NSYCUSP007DG**	**NSYCUSP010DG**
NSYCU4K3P4RDG	-	**NSYCUSP009DG**	-	**NSYCUSP007DG**	**NSYCUSP010DG**
NSYCUHD350DG	**NSYCUSP001DG**	-	**NSYCUSP002DG**	-	**NSYCUSP010DG**
NSYCUHD600DG	**NSYCUSP001DG**	-	**NSYCUSP002DG**	-	**NSYCUSP010DG**
NSYCUHD800DG	-	**NSYCUSP003DG**	-	**NSYCUSP004DG**	**NSYCUSP010DG**
NSYCUHD1KDG	-	**NSYCUSP003DG**	-	**NSYCUSP004DG**	**NSYCUSP010DG**
NSYCUHD1K2P4DG	-	**NSYCUSP003DG**	-	**NSYCUSP004DG**	**NSYCUSP010DG**
NSYCUHD1K6DG	-	**NSYCUSP005DG**	**NSYCUSP003DG**	-	**NSYCUSP010DG**
NSYCUHD1K62P4DG	-	**NSYCUSP005DG**	**NSYCUSP003DG**	-	**NSYCUSP010DG**
NSYCUHD2K3P4DG	-	**NSYCUSP007DG**	-	**NSYCUSP006DG**	**NSYCUSP010DG**

7

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Useful Technical Information

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Useful Technical Information

Enclosures and Thermal Management Systems Certifications	480
International Enclosure Standards	481
Selection of Enclosures	483
Degrees of Protection Provided by Enclosures	484
Classification of Electrical Equipment	485
Painting Properties	487
Properties of Plastic Materials	489
Description of Marking Label Affixed	491

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Enclosures and Thermal Management Systems Certifications

Range	Empty assemblies					Equipped assemblies
	Empty assemblies for low-voltage switchgear	Standards for industrial equipment and UL classification	Marine environment classification or approval for protection and resistance to vibrations	Enclosures installed in a potentially explosive atmosphere	Outdoor heavy-duty enclosures	Low-voltage switchgear and controlgear assemblies
	Standard/Directive					
	IEC 62208	UL508A and CAN CSA C22-2 no. 14	Compliance with requirements of certified bodies	European directive no. 2014/34/UE EN60079-0 / EN60079-7 EN60079-3 / EN60529	IEC 61439-5 ISO 12944-6 IEC 61969-3	IEC61439-1&2
PanelSeT - Steel and Stainless Steel Enclosures						
SBM	●	●	●			
S3D	● ● (6)	●	● ●			
CRN	● (6)	●	●			
S3DEX		●		●		
S3HF		●				
S3HD	● (6)	●			●	
S3CM		●				
SM	● ● (6)	●	●			
SFN	● ● (6)	●	●			●
SFHD	● ● (6)	●			●	●
PrismaSeT HD	● (6)					●
SBX	●	●	●			
S3X	●	●	●			
SMX	●	●	● (3)			
SFX	● (3)	●	● (3)			
PanelSeT - Polyester Enclosures						
TBS/TBP	●	● (1)				
PLS	●	●				
PLM	● ● (6)	●	●			
PLA	● ● (6)	●	●			● (7)
PLAT	● ● (6)					
PLAZ	● ● (6)					
PLAZT	● ● (6)					
PLD						
PHD	● (6)				● (2)	
ClimaSys (4)						
CV		● (8)				
CU		●				
CR		● (5)				
CC		●				

(1) Only TBP.
(2) ISO 12944-6 only applies to the PanelSeT enclosures.
(3) Only for single-door versions
(4) EAC-compliant
(5) The insulated and aluminum resistance heaters of 12-24 V DC and 270-420 V AC are not certified
(6) Certificate by DEKRA
(7) Only valid for some specific architectures
(8) Some references are CSA certified
For other certifications and declarations of conformity please consult us.

Official Certification Body

Bureau Veritas	LCIE (Bureau Veritas)	Bureau Veritas Marine Division	TUV Rheinland Group	Underwriters Laboratories	Laboratorio Oficial J.M. Madariaga	DNV-GL	Dekra	Asefa
●	●	●	●	●	●	●	●	●

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

The Main 10 Functions of Standard IEC 61439

For each of the following 10 functions, the standard IEC 61439 requires design verifications from the system manufacturer - mainly through type-tests defined in IEC 62208 - and routine verifications on each panel from the panel builder to achieve 3 basic goals: Safety, continuity of service and compliance with end-user requirements.

Safety

Voltage stresses withstand capability
- To withstand long term voltages, and transient and temporary overvoltages according to the insulation coordination principles and requirements.

Current-carrying capability

To help protect against fire and to withstand temperature rise:
- When any circuit is continuously loaded, alone, to the specified current
- When the assembly is loaded to the specified current according to the specified load pattern (between circuits and/or as a function of the time).

Short-circuit withstand capability
- To withstand the stresses resulting from the prospective short-circuit current and from the associated data (high forces between conductors, temp. rise in a very short time, air ionization, overpressure).

Protection against electric shock
- Hazardous live parts not to be accessible (basic protection).
- Accessible conductive parts not to become hazardous-live (fault protection).

Protection against risk of fire or explosion
- Resistance to internal glowing elements.

Comment: Protection of persons, and optional protection of the assembly, against arcing due to internal fault can be specified through a "special test" according to IEC 61641.

Continuity of Service

Maintenance and modification capability

Capability to preserve continuity of supply without impairing safety during assembly, maintenance or modification.
- Electrical condition of the assembly or various circuits.
- Speed of exchange of the functional units.
- Test facilities…

Electro-Magnetic Compatibility

To properly function (immunity) and not to generate EM interference (emission) in specified environmental conditions:
- Industrial networks or locations (Environment A).
- Domestic, commercial, and light industrial locations (Environment B).

Compliance with End-User Requirements

Capability to operate the electrical installation

To properly function, according to:
- The electrical diagram of the overall system and related information (voltages, coordination…),
- The specified operating facilities (e.g. free or restricted access to man-machine interfaces, isolation of the outgoing circuits…).

Capability to be installed on site
- To withstand handling, transport, storage and installation constraints.
- Capability to be set up and connected (type of enclosure, type, material and cross-sectional areas of external conductors).

Protection of the assembly against mechanical and atmospheric ambient conditions
- Presence of water or solid foreign bodies (IP according to IEC 60529).
- External mechanical impacts (optional IK according to IEC 62262).
- Indoor or outdoor installation (humidity, UV).

Both the Point of Arrival of Energy and a Device for Distribution to the Site Applications, the LV Switchboard Is the Intelligence of the System, Central to the Electrical Installation.

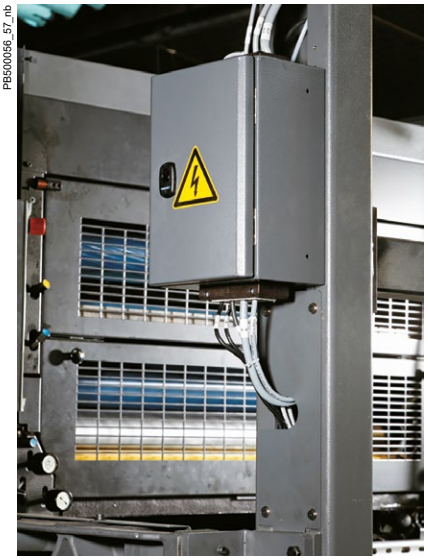
It plays an essential role in the availability of electric power, while meeting the needs of personal and property safety. Its definition, design and installation are based on precise rules; There is no space for improvisation. The IEC 61439 standard aims to better define "low-voltage switchgear and controlgear assemblies", helping ensure that the specified performances are reached. It specifies in particular:
- The responsibilities of each player, distinguishing those of the original equipment manufacturer; the organization that performed the original design and associated verification of an assembly in accordance with the standard, and of the assembly manufacturer - the organization taking responsibility for the finished assembly
- The design and verification rules, constituting a benchmark for product certification All the component parts of the electrical switchboard are concerned by the IEC 61439 standard. Equipment produced in accordance with the requirements of this switchboard standard helps ensure the safety and reliability of the installation.

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

International Enclosure Standards

Standards IEC 62208,

PB500056_57_nb



Comment:
European standard EN 62208 is identical to IEC 62208. European countries publish this standard according to the body in each country (for example BS EN 62208 in the UK).

PB500057_57_nb



Empty Enclosures for Low-Voltage Switchgear and Controlgear Assemblies. General Rules.

Application
For empty enclosures before adding the user's switchgear, in the condition as supplied by the manufacturer.

Field of application
Demands for testing the enclosures to be used as part of the switchgear assemblies for voltages of less than 1000 V alternating current and 1500 V direct current in accordance with IEC 61439.

Information supplied by the manufacturer
- Commercial trademark of the manufacturer: Schneider Electric.
- Mechanical characteristics, materials, conditions for use.
- Conditions for use: Ambient air temperature for outdoor installations: -25°C (-13°F) to + 40°C (104°F).
- Atmospheric conditions for outdoor installations: The humidity may temporarily reach 100% at a temperature of 25°C (77°F).
- Transport and storage conditions: From -25°C (-13°F) to +55°C (131°F);
  For limited periods not exceeding 24 h: Up to +70°C (158°F).

Standard Tests of Standard IEC 62208

- Static loads: Test 1.25 x maximum admissible load during 1 hour.
- Lifting: Applicable to enclosures with lifting accessories.
- Axial loads of metal inserts: 500 N for 10 seconds for M8 inserts.
- IK code: Test according to standard IEC 62262 with pendulum impact tester. The enclosure must maintain its IP rating after the test.
- IP rating: Test according to standard IEC 60529. Degree of protection against access to dangerous parts and the penetration of solid bodies and against the penetration of water.
- Thermal stability at a temperature of 70°C (158°F): 7 days.
- Resistance to heat: Ball test at 70°C (158°F).
  Information required for enclosures made from insulated material.
- Resistance to abnormal heat and to fire: Glow wire test according to IEC 60695-2-10 and IEC 60695-2-11.
  Information required for enclosures made from insulated material.
- Dielectric strength: 5000 V
  Information required for enclosures made from insulated material.
- Protection circuit continuity for metal enclosures: Resistance not to exceed 0.1 ohm.
- Weather resistance: Duration 500 h (cycle: Rain 5 minutes + UV lamp 25 minutes).

Corrosion resistance:

Severity Test A:
- 6 cycles of 24 hours of the damp heat test at 40°C (104°F) and relative humidity of 95%.
- 2 cycles of 24 hours of the salt mist test at 35°C (95°F).

Severity Test B:

2 identical 12 day periods. Each one with:
- 5 cycles of 24 hours of the damp heat test at 40°C (104°F) and relative humidity of 95%.
- 7 cycles of 24 hours of the salt mist test at 35°C (95°F).

Our empty enclosures are CE-marked according to the Low-Voltage Directive (LVD). It is the responsibility of the final equipment manufacturer to respect regulations in force.

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Selection According to the IP Protection Degrees

The degrees of protection, explained on the next page, is an important element when selecting the enclosures. The following table shows the protection degrees of the enclosures.

Name	Range	IP43	IP44	IP54	IP55	IP65 [7]	IP66
Metal industrial boxes	PanelSeT SBM						●
Metal derivation boxes	PanelSeT SDB				●		
Stainless-steel boxes	PanelSeT SBX						●
Steel wall-mounted enclosures	PanelSeT S3D				● [1]		●
Steel modular distribution wall-mounted enclosures	PanelSeT S3DM						●
Terminal wall-mounted enclosures	PanelSeT S3DB						●
Steel wall-mounted enclosures	PanelSeT S3HF				●		
Steel wall-mounted enclosures	PanelSeT CRN				● [1]		●
EMC steel floor-standing enclosures	PanelSeT SFHF				●		
HMI control enclosures	PanelSeT S3CM			●			
ATEX steel wall-mounted enclosures	PanelSeT S3DEX						●
Steel outdoor wall-mounted enclosures	PanelSeT S3HD						●
Stainless-steel wall-mounted enclosures	PanelSeT S3X				● [1]		●
Seismic and nuclear enclosures	PanelSeT S3D6G / PanelSeT S3D6GK3					●	
Terminal enclosures with FL21 cut-out	PanelSeT S3DBFL					● [6]	
Steel floor-standing enclosures	PanelSeT SM				●		
Steel suitable enclosures	PanelSeT SFN				●		
Steel outdoor floor-standing enclosures	PanelSeT SFN HD				●		
Stainless-steel floor-standing enclosures	PanelSeT SMX						● [7]
Stainless-steel suitable enclosures	PanelSeT SFX						● [7]
Functional steel floor-standing enclosures	PrismaSeT HD				●		
Steel control desks	PanelSeT SD				●		
Thermoplastic industrial boxes	PanelSeT TBS-TBP				● [4]		● [5]
Polyester modular boxes	PanelSeT PLS						●
Polyester wall-mounted enclosures	PanelSeT PLM						●
Polyester outdoor wall-mounted enclosures	PanelSeT PHD					●	
Polyester floor-standing enclosures	PanelSeT PLA [2]		●	●		●	
Polyester floor-standing enclosures	PanelSeT PLD	●		● [3]			
Polyester outdoor floor-standing enclosures	PanelSeT PHD				●		

[1] Double-door.
[2] Different IP depending on the version. See introduction in PanelSeT section: PLA: IP65, PLAT / PLAZT: IP44, PLAZ / PLAT / PLAZT with grille: IP54.
[3] With gasket.
[4] Button boxes.
[5] Universal boxes.
[6] With membrane mounted.
[7] Single-door enclosure.

The Universal Offer

> 3 Material Options

Steel

Stainless-Steel

Plastic and Polyester

Selection According to Ambient Conditions

The location of the enclosures and the physical, chemical and climatic conditions to which they are exposed will determine the model to be used.

Steel enclosures are particularly well suited to indoor use in industrial environments.
Stainless-steel enclosures are particularly well suited to corrosive environments or areas where specific hygiene demands are applicable.
Polyester enclosures are particularly well suited to severe corrosive atmospheres, indoors or outdoors.

Enclosures made from insulated materials that helps ensure total insulation, reducing electric hazards for persons.
The main characteristics of the plastic materials of our enclosures and their chemical strength are given on page 489.

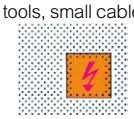
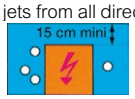
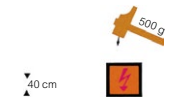
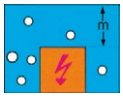
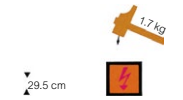
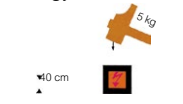
Further help for making the selection is given by the NEMA or UL classification of the enclosure, see page 485.

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Degrees of Protection Provided by Enclosures

- The degrees of protection provided by the enclosures are defined by standards IEC 60529 (IP) and IEC 62262 (IK).
- Degrees of protection are indicated by the letters IP followed by two characteristic numerals. The numerals show the degree of protection offered by the enclosure against access to hazardous parts, the penetration by solid bodies (1st numeral), and against the penetration of liquids (2nd numeral).
- The protection against external mechanical impact is indicated by the letters IK followed by a characteristic group numeral.

Comment:
Many EN European standards are harmonized with international IEC standards.
This is the case with enclosure protection standards:
- EN 60529 = IEC 60529
- EN 62262 = IEC 62262

	IP	IK
First numeral Protection against solid bodies	**Second numeral Protection against liquids**	**Mechanical protection**
0 No protection	**0** No protection	**0** No protection
1  Protected against solid bodies larger than 50 (1.97) mm (in.) (e.g.: Incidental contact with the hand)	**1**  Protected against vertically falling water droplets (condensation)	**1**  Impact energy: 0.150 Joules
2  Protected against solid bodies larger than 12 (0.47) mm (in.) (e.g.: Finger contact)	**2**  Protected against water droplets deflected at up to 15° from vertical	**2**  Impact energy: 0.200 Joules
3  Protected against solid bodies larger than 2.5 (0.10) mm (in.) (tools, cables)	**3**  Protected against rainwater at up to 60° from vertical	**3**  Impact energy: 0.350 Joules
4  Protected against solid bodies larger than 1 (0.04) mm (in.) (fine tools, small cables)	**4**  ⚠ Protection against water spray from all directions	**4**  Impact energy: 0.500 Joules
5  ⚠⚠ Protected against dust (no harmful deposits)	**5**  ⚠⚠ Protected against low-pressure water jets from all directions	**5**  Impact energy: 0.700 Joules
6  ⚠⚠ Totally dust tight	**6**  Protected against powerful water jets from all directions	**6**  Impact energy: 1.00 Joules
	7  ⚠⚠ Protected against the effects of immersion	**7**  Impact energy: 2.00 Joules
	8  ⚠⚠ ... m Protected against prolonged effects of immersion under pressure	**8**  Impact energy: 5.00 Joules
		9  Impact energy: 10.00 Joules
		10  Impact energy: 20.00 Joules

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Classification of Electrical Equipment

Classification of Electrical Equipment Enclosures According to NEMA and UL

NEMA and UL are standardization bodies, commonly recognized in North America, which have issued classifications of enclosures according to the protection offered in various environments.
These classifications are similar.
The 1st table below summarizes these classifications which do not include potentially explosive areas.
The detailed recommendations of these classifications are given on the next page.
The 2nd table indicates the classification of our enclosures.
Certification according to the UL classification helps guarantee the corresponding NEMA classification by equivalence.

Environment and protection	Classification											
	1	2	3	3R	3S	4	4X	5	6	6P	12	13
Indoor use	●	●	●	●	●	●	●	●	●	●	●	●
Outdoor use			●	●	●	●	●		●			
Incidental contact with the equipment	●	●	●	●	●	●	●	●	●	●	●	●
Dirt	●	●	●	●	●	●	●	●	●	●	●	●
Drips and gentle splashes of non-corrosive liquids		●	●	●	●	●	●	●	●	●	●	●
Rain, frost* and snow			●	●	●	●	●		●	●		
Frost**					●							
Dust, fibers and particles in suspension			●		●	●	●		●	●	●	●
Accumulated dust, fibers and particles in suspension			●		●	●	●	●	●	●	●	●
Clouds of dust			●		●	●	●		●	●		
Splashes and spray of water						●	●		●	●		
Gentle splashes and leaks of oil or non-corrosive coolants											●	●
Drips, splashing and spraying of oil or non-corrosive coolants												●
Corrosive agents							●			●		
Occasional temporary immersion									●	●		
Occasional prolonged immersion										●		

* The operation of the external mechanisms is not required when the enclosure is covered with frost.
** The operation of the external mechanisms is required when the enclosure is covered with frost.

Enclosures		Type of protection (1)													
Name	Range	1	2	3	3R	3S	3X	3RX	3SX	4	4X	5	6	12	13
Metal industrial boxes	SBM									●	●				
Stainless-steel industrial boxes	SBX									●	●				●
HMI control enclosures	S3CM	●	●		●									●	●
Steel wall-mounted enclosures	S3DC (1)	●	● (2)	● (2)	● (2)					● (2)	● (2)	● (2)		●	● (2)
Steel wall-mounted enclosures	S3HF	●	●	●	●									●	●
Steel outdoor wall-mounted enclosures	S3HD	●	●	●	●					●	●	●		●	●
Steel wall-mounted enclosures	CRN	●	● (2)	● (2)	● (2)					● (2)		● (2)		●	●
Stainless-steel wall-mounted enclosures	S3X	●	● (2)	● (2)	● (2)					● (2)	● (2)	● (2)		●	● (2)
Steel floor-standing enclosures	SM	●	● (2)	● (2)	●					● (2)		● (2)		●	●
Polyester heavy-duty	PHD	●	●	●	●					● (2)	● (2)	●		●	●
Steel suitable enclosures	SFN	●			●									●	
Steel outdoor floor-standing enclosures	SFN HD	●			●									●	
Stainless-steel floor-standing enclosures	SMX	●	● (2)	● (2)	● (2)					● (2)	● (2)	● (2)		●	●
Stainless-steel floor-standing enclosures	SFX	●	● (2)	● (2)	● (2)					● (2)	● (2)	● (2)			● (2)
Thermoplastic boxes	TBP	●		●		●				●	●				
Polyester modular boxes	PLS	●	●	●	●	●				●	●			●	●
Polyester wall-mounted enclosures	PLM	●	●	●	●	●				●	●	●		●	●
Polyester floor-standing enclosures	PLA	●	●	● (2)	●	● (2)	● (2)	●	● (2)			●		●	●

(1) Also S3DM, S3D.
(2) 1 door.

Components		Type of protection (5)											
Name	Range	1	2	3	3R	3S	4	4X	5	6	6P	12	13
Airing system	CV											● (3)	
Thermal control system	CC	● (3)											

(3) In some ranges the classification depends on the model and version. The detailed protection types are indicated in the UL certifications.

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Classification of Electrical Equipment

Classification of Electrical Equipment Enclosures According to NEMA and UL

PB500063_55_nb



PB500064_55_nb



Note:
The above recommendations aim to explain the NEMA and UL classifications, but are not the official texts of NEMA or UL.
The exact definitions provided by the Organisations are those of standards NEMA 250 and UL 50E.

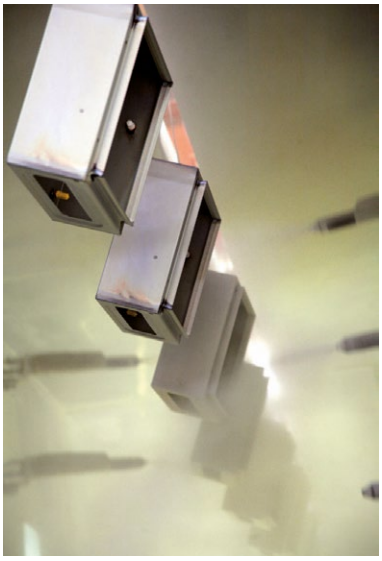
The enclosures must protect the equipment against environmental conditions and help protect persons against the risk of incidental contact with the equipment. The following classifications (Type) are applied according to the required uses and prescriptions:

Type	Use	Prescription
1	Indoor use	The enclosure provides protection for persons against incidental contact with the internal equipment and protects said equipment against dirt.
2	Indoor use	It provides protection for persons against incidental contact with the internal equipment and protects said equipment against dirt, drips and gentle splashes of non-corrosive liquids.
3	Indoor and outdoor use	The enclosure provides protection for persons against incidental contact with the internal equipment and protects said equipment against dirt, rain, sleet, snow, windblown and resists the formation of ice on the outside.
3R	Indoor and outdoor use	The enclosure provides protection for persons against incidental contact with the internal equipment and protects said equipment against dirt, rain, sleet, snow and resists the formation of ice on the outside.
3S	Indoor and outdoor use	The enclosure provides protection for persons against incidental contact with the internal equipment and protects said equipment against dirt, rain, sleet, snow and windblown dust. The external mechanism must continue to work even when layers of ice are formed.
3X	Indoor and outdoor use	The enclosure provides a degree of protection to personnel against access to hazardous parts; To provide a degree of protection of the equipment inside the enclosure against ingress of solid foreign objects (falling dirt and windblown dust); To provide a degree of protection with respect to harmful effects on the equipment due to the ingress of water (rain, sleet, snow); To provide an additional level of protection against corrosion and that will be undamaged by the external formation of ice on the enclosure.
3RX	Indoor and outdoor use	The enclosure provides a degree of protection to personnel against access to hazardous parts; To provide a degree of protection of the equipment inside the enclosure against ingress of solid foreign objects (falling dirt); To provide a degree of protection with respect to harmful effects on the equipment due to the ingress of water (rain, sleet, snow); To prevent damage by the external formation of ice on the enclosure and to provide an additional level of protection against corrosion.
3SX	Indoor and outdoor use	The enclosure provides a degree of protection to personnel against access to hazardous parts; To provide a degree of protection of the equipment inside the enclosure against ingress of solid foreign objects (falling dirt and windblown dust); To provide a degree of protection with respect to harmful effects on the equipment due to the ingress of water (rain, sleet, snow); To provide an additional level of protection against corrosion; To ensure that external mechanism(s) remain operable when ice laden.
4	Indoor and outdoor use	The enclosure provides protection for persons against incidental contact with the internal equipment and protects said equipment against dirt, rain, sleet, snow, windblown dust, splashes and hose-directed water and resists the formation of frost on the outside.
4x	Indoor and outdoor use	The enclosure provides protection for persons against incidental contact with the internal equipment and protects said equipment against dirt, rain, sleet, snow, windblown dust, splashes, hose-directed water and resists corrosion and the formation of ice on the outside.
5	Indoor use	The enclosure provides protection for persons against incidental contact with the internal equipment and protects said equipment against dirt, settling airborne dust, lint, fibers, flyings, drips and gentle splashes of non-corrosive liquids.
6	Indoor and outdoor use	The enclosure provides protection for persons against incidental contact with the internal equipment and protects said equipment against dirt, rain, sleet, snow, hose-directed water, the entry of water during occasional temporary submersion to a limited depth and resists the formation of ice on the outside.
6P	Indoor and outdoor use	The enclosure provides protection for persons against incidental contact with the internal equipment and protects said equipment against dirt, rain, sleet, snow, hose-directed water, the entry of water during prolonged submersion to a limited depth and resists corrosion and the formation of ice on the outside.
12	Indoor use (without knock-outs)	The enclosure provides protection for persons against incidental contact with the internal equipment and protects said equipment against dirt, dust, fluff, fibers, particles in suspension, drips and gentle splashes of non-corrosive liquids as well as gentle splashes or leaks of oil and non-corrosive coolants.
13	Indoor use	The enclosure provides protection for persons against incidental contact with the internal equipment and protects said equipment against dirt, dust, lint, fibers flyings and the spraying, splashing, and seepage leaks of water, oil or non-corrosive coolants.

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Polyester Base-Painting Properties

PB500058_56_nb



Product type

Thermosetting polyester resins based powder painting modified by epoxy resins and designed for decoration and to help prevent corrosion.
The performance of this painting is superior to conventional epoxy powders in terms of color stability, temperature resistance and weather resistance.
RAL 7035 gray; Surface finish: Structured.

Mechanical properties

Testing conditions: Steel samples with a thickness of 10 (0.39)/10[e] mm (in.).
Degreasing using biodegradable surface-active agents.
Film thickness: 60 microns.

Bonding (scratching and adhesive tape)	ISO 2409	≥ to Class 1
Ericksen stamping	ISO 1520	≥ 7 (0.28) mm (in.)
Direct impact resistance	ISO 6272	> 1 (2.20) kg (lbs.) / 70 (27.56) cm (in.)
Indirect impact resistance	ISO 6272	> 1 (2.20) kg (lbs.) / 20 (7.87) cm (in.)
Bending around conical mandrel	ISO 6860 - ASTM D 522-88	Maximum cracking of 70 (2.76)mm (in.), without the paint coming loose

Chemical properties

Tests conducted at ambient temperature on phosphated samples covered with a 70 to 100 micron film:

Film intact.
Film attacked (blistering, yellowing, loss of gloss).

Number of months			2	4	6	8	10	12
Acid	Acetic	20%						
	Sulphuric	30%						
	Nitric	30%						
	Phosphoric	30%						
	Hydrochloric	30%						
	Lactic	10%						
	Citric	10%						
Base	Soda	10%						
	Ammonia	10%						
Water	Distilled water							
	Sea water							
	Tap water							
	Diluted chloride bleach							
Solvents	Petrol							
	Higher-grade alcohols							
	Aliphatics							
	Aromatics							
	Ketone-ester							
	Tri-perchlorethylene							

Physical properties

Temperature resistance: -40°C (-40°F) and 100 hours at +150°C (302°F) (color: White).
Gloss retention: Good.

Resistance to corrosion

Compliance with standard IEC 62208 for outdoor installations: 288 h of humid heat and 336 h of salt mist.

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Painting Properties

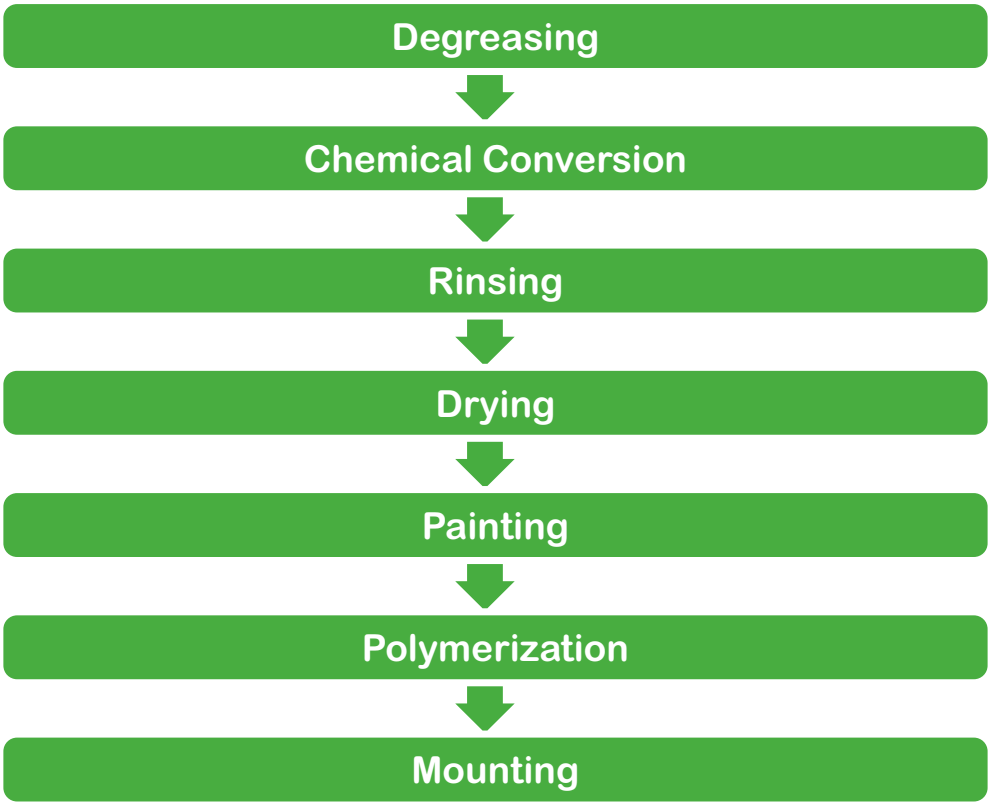
Polyester Base-Painting Properties

Nuclear decontamination
Applicable to colors RAL 7035 gray and AFNOR A550.
Standard NFT 30901. Percentage of decontamination for contamination by fission products. Please consult us for further details.

Accelerated aging
Standard IEC 62208: 500 h UV according to ISO 4892 (method A)
(adherence of the painting with minimum retention of 50% on the grid according to ISO 2409).

Fire behaviour
Class M1 (self-extinguishing material).
Class M0 (for painting on a metal base).

Manufacturing process



Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Properties of Plastic Materials

Properties of Plastic Materials - Mechanical, Electrical, Physical and Fire-Resistance Properties

Plastic materials generally used to manufacture our products:

- ABS.
- Polycarbonate.
- PVC (polyvinyl chloride).
- Bayblend® = PC + ABS.
- Polyester reinforced with fiberglass.
- Altuglas.
- Polypropylene.
- Polystyrene.
- Polyamide 6 and 12.
- SBS.

Comment:
For other chemical agents, please contact us.
All information provided here is taken from the sources and provided for information purposes only, with no commitment on our behalf.

Specifications	Standards	Units	ABS	Polycarbonate	PVC	Bayblend®	Polyester	SBS
Mechanical properties								
Tensile strength	ISO 257	MPa	44	> 65	45	35	85	5
Tensile strain	ISO 527	%	12	> 110	120 bis 150	40	0	600
Impact resistance	ISO 179	kJ/m²	125	No breakage	25	No breakage	60	No breakage
Notching resistance	ISO 179	kJ/m²	19	25	20	25	50	-
Electrical properties								
Stress point	IEC 60112	-	-	250-300	> 600	> 550	> 600	-
Surface strength	IEC 60093	Ω	1015	> 1015	> 1013	> 1014	≥1012	> 1013
Dielectric strength	IEC 60243	kV/mm	16.5	> 30	30	24	18-20	20
Specific resistivity	IEC 60093	Ω³cm	1015	> 1016	≥ 1015	1016	≥ 1012	> 1016
Physical properties								
Softening temperature (Vicat B)	ISO 306	°C (°F)	95 (203)	145 (293)-150 (302)	79 (174)-80 (176	115 (239	(1)	80 (176)
Temperature resistance	-	°C (°F)	-40 (-40) ...+90 (194)	-50 (-58) ... +125 (257)	-20 (-4) ...+ 65 (149)	-35 (-31) ... +90 (194)	-50 (-58) ... +150 (302)	-40 (-40) ... +120 (248)
Water absorption	ISO 62	%	0.2 - 0.45	0.15	< 0.1	0.2	0.2	-
Specific weight	ISO 1183	kg/dm³	1.04	1.21	1.4	1.12	1.85	0.3 in 24 h
Fire resistance								
Oxygen index	ISO 4589	%	19	26	45-50	22	24.4	18
Glow wire resistance, 2 (0.08) mm (in.)	IEC 60695-2-10	°C	750 (1382)	960 (1760)	960 (1760)	750 (1382)	960 (1760)	750 (1382) (1.5 (0.06) mm (in.))
Glow wire resistance, 3 (0.12) mm (in.)	IEC 60695-2-10	°C	750 (1382)	960 (1760)	960 (1760)	750 (1382)	960 (1760)	NA

(1) No softening of the polyester.

Specifications	Standards	Units	Altuglas	Polypropylene	Polystyrene	Polyamide 6	Polyamide 12
Mechanical properties							
Tensile strength	ISO 257	MPa	30	35	24	40	30
Tensile strain	ISO 527	%	5	400	36	200	300
Impact resistance	ISO 179	kJ/m²	20	20	63	No breakage	No breakage
Notching resistance	ISO 179	kJ/m²	3	5	50	31.2	15
Electrical properties							
Stress point	IEC 60112	-	-	-	KB175	KB175	KB180
Surface strength	IEC 60093	Ω	≥ 1014	-	> 1013	1012	5 x 1010
Dielectric strength	IEC 60243	kV/mm	13-15	20	≤ 40	23	55
Specific resistivity	IEC 60093	Ω³cm	> 1015	> 1016	> 1015	1011	3 x 1011
Physical properties							
Softening temperature (Vicat B)	ISO 306	°C (°F)	120 (248) - 122 (252)	75 (167) (vicat A)	79 (174)	230 (446)	140 (284)
Temperature resistance	-	°C (°F)	-20 (-4) .. +80 (176)	-10 (14) ... +80 (176)	-15 (5) ... +60 (140)	-20 (-4) ... +100 (212)	-50 (-58) ... +125 (257)
Water absorption	ISO 62	%	< 0.5	0.1 in 24 h	0.1 in 24 h	1.6	1.5
Density	ISO 1183	kg/dm³	1.18	0.91	1.06	1.14	1.03
Fire resistance							
Oxygen index	ISO 4589	%	18.5	18	18	24	22
Glow wire resistance, 2 (0.08) mm (in.)	IEC 60695-2-10	°C (°F)	-	650 (1202)	650 (1202)	750 (1382)	650 (1202)
Glow wire resistance, 3 (0.12) mm (in.)	IEC 60695-2-10	°C (°F)	960 (1760)	650 (1202)	650 (1202)	850 (1562)	650 (1202)

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Properties of Plastic Materials

Properties of Plastic Materials - Resistance to Chemical Agents

Plastic materials generally used to manufacture our products:

- ABS.
- Polycarbonate.
- PVC (polyvinyl chloride).
- Bayblend® = PC + ABS.
- Polyester.
- Altuglas.
- Polypropylene.
- Polystyrene.
- Polyamide 6 and 12.
- SBS.

The table shows:

The concentration of the chemical agent in %;

- Sat = saturation.

The resistance of the material:

- +: Resistant.
- O: Limited resistance.
- –: Not resistant.

Resistance to	ABS		Polycarbonate		PVC		Bayblend®		Polyester		Altuglas		Polypropylene		Polystyrene		Polyamide 6		Polyamide 12		SBS	
Acetone		–		–		–		–		–		O	100	+		–	100	+		+		+
Hydrochloric acid	15	+	10	+	30	+	20	+	30	+	sat	+	10	+		O	10	–	10	+	10	+
Citric acid			10	+	sat	+	10	+	100	+	sat	+	sat	+		+	10	O		+	10	+
Lactic acid	80	+	10	+	90	+	10	–	100	+	20	+	90	+		O	50 90	O –		+ +	sat	+
Nitric acid	30	+	10 100	+ –	50	+	10	+	20	+ +	10 100	+ –	25/ 50			O	2 10	O –		–	50	+
Phosphoric acid	85	+	100	+	sat	+		+	100	+	10 95	+ –	sat	+		O	2 10	O –	50	+		+
Sulphuric acid	50	+	50 100	+ –	96	+	30	+	70	+	30	+	96	+		O	3	–	10	+	96	+
Alcohol		O	96	+	96	+		–	50	O	50	O	96	+		+	96	O	96	+		+
Pure aniline		O		–	100	–		–		O		–	100	+			100	O	100	O		
Benzene		+	100	–		–		+		–		O	100	O			100	+		+		–
Liquid bromine			100	–		–		–					100	–					100	–		–
Liquid chlorine				-	100	-		-	sat	+		–	100	–			100	O		–	50	+
Sea water		+	100	+	100	+		+	100	+	100	+		–	100	+			100	+	sat	+
Petrol		+	100	+	100	O		–	100	+	100	O		–		–	100	+		+		–
Ether		–	100	O	100	–		–	100	O		+					100	+	100	+		–
Hexane		O		+		O		O		–			100	+			100	+	100	+		–
Oil and greases		+	100	+	100	+		O	100	+	100	O	100	+		–		+	100	+		–
Aromatic hydrocarbon		O		–		–		–		–		+	–			–		–		+		–
Fuel oil		O	100	O	100	+		–	100	+	100	–	100	+			100	+	100	+		–
Naphthalene					100	O		–	100	+	100	–	100	+			100	+	100	+		
Nitrobenzene		–		–	100	–		–				–	100	O				–		O		–
Phenol		–		–	sat	O		–	20	O		–	sat	+				–		–	10	O
Mineral salts				+		+		+		+		+		+						+		+
Iodine solution				O		–		+				–						+				
Toluene		–		–	100	–		–		+		O	100	O		–	100	+	100	+		–
Trichloroethylene		–		–	100	–		–		–		–	100	O		–	100	–	100	O		–
Urea			sat	+	sat	+		+					sat	+			10	+	sat	+	sat	O

Comment:
For other chemical agents please contact us.
All information provided here is taken from the sources and provided for information purposes only, with no commitment on our behalf.

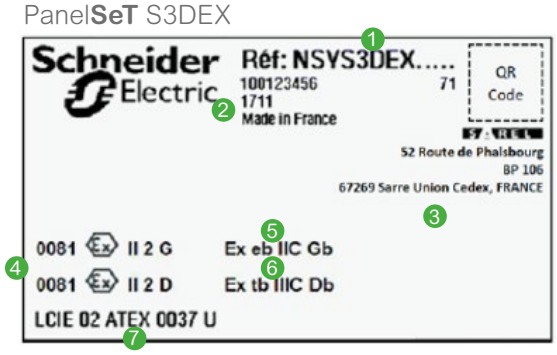
8

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Description of Marking Label Affixed

Description of Marking Labels on ATEX-Certified Wall-Mounted Enclosures

Panel**SeT** S3DEX



1
Range of the product with its dimensions

2
100123456 71: exemple of the serial number
1711: exemple of the year and the month of the manufacturing

3
Address of manufacturer

4
0081: identification number of the notified body for the application of the ATEX directive
: distinctive mark indicating that the product is authorized in an explosive atmosphere
II: Industry group (II = surface industries)
2: device category (2 = occasional presence, Zone 1 or 21)
G: atmosphere type (G = gases and vapors)
D: atmosphere type (D = dust)

5
Ex: symbol that indicates the product complies with one or several protection modes
eb: protection level of type of protection "e" for increased safety (EN 60079-7)
II C: group of gaz (hydrogen/acetylene)
Gb: type of protection for non-electric material (control of power supply)
G = gaz

6
Ex: symbol indicating that the product complies with one or several protection types
tb: protection level of type of protection "t" per enclosure (EN 60079-31)
III C: type of dust (conductive dust)
Db: type of protection for non-electric material (control of power supply)
D = dust

7
Number of the EC type examination certificate
(Included the name of the certification body)

Download our ATEX certificates from our site.

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Steel Enclosures

N	Page
NSY2SPN124	66, 68
NSY2SPN125	68
NSY2SPN126	66, 68
NSY2SPN128	68
NSY2SPN144	66, 68
NSY2SPN145	68
NSY2SPN146	68
NSY2SPN148	68
NSY2SPN164	68
NSY2SPN165	68
NSY2SPN166	66, 68
NSY2SPN168	66, 68
NSY2SPN184	66, 68
NSY2SPN185	66, 68
NSY2SPN186	66, 68
NSY2SPN188	66, 68
NSY2SPN204	66, 69
NSY2SPN205	66, 69
NSY2SPN206	66, 69
NSY2SPN208	66, 69
NSY2SPN224	69
NSY2SPN225	69
NSY2SPN226	66, 69
NSY2SPN228	66, 69
NSY2SPN2010	69
NSYAEDHSB	20
NSYAEDRSCST	32
NSYAEDSBSB	20
NSYAEDSTSB	20
NSYAEFAHLBSC	32
NSYAEFP42S3D	36
NSYAEFPFS3DW40	34
NSYAEFPFS3DW60	34
NSYAEFPFS3DW80	34
NSYAEFPFS3DW100	34
NSYAEFPFSB	20
NSYAEFPFSC	32
NSYAEFPFXSC	32
NSYAELYTCRG8	32
NSYAMCSF	33, 51
NSYAMFSB	20
NSYAMRD15357SB	20
NSYAMRD20357SB	20
NSYAMRD30357SB	20
NSYAMRD40357SB	20
NSYAMRD50357SB	20
NSYAMRD60357SB	20
NSYAMRD80357SB	20
NSYAPFWM	35, 52
NSYATP72M	53
NSYBPN126	68
NSYBPN128	68
NSYBPN146	68
NSYBPN148	68
NSYBPN166	68
NSYBPN168	68
NSYBPN184	68
NSYBPN186	68
NSYBPN188	68

N	Page
NSYBPN203	69
NSYBPN204	69
NSYBPN206	69
NSYBPN208	69
NSYBPN224	69
NSYBPN226	69
NSYBPN228	69
NSYBPN1810	68
NSYBPN1812	68
NSYBPN2010	69
NSYBPN2012	69
NSYBPN2016	69
NSYBPN2210	69
NSYBPN2212	69
NSYCOCN80	36, 54
NSYCOCNS1400	36, 54
NSYCOCNS1800	36, 54
NSYCRN22150	50
NSYCRN23150	50
NSYCRN33150	50
NSYCRN33200	50
NSYCRN34200	50
NSYCRN43150	50
NSYCRN43200	50
NSYCRN44200	50
NSYCRN46250	50
NSYCRN46300	50
NSYCRN54150	50
NSYCRN54200	50
NSYCRN54250	50
NSYCRN55250	50
NSYCRN64150	50
NSYCRN64200	50
NSYCRN64250	50
NSYCRN65150	50
NSYCRN65200	50
NSYCRN65250	50
NSYCRN66200	50
NSYCRN66250	50
NSYCRN66300	50
NSYCRN68300	50
NSYCRN75200	50
NSYCRN75250	50
NSYCRN86200	50
NSYCRN86250	50
NSYCRN86300	50
NSYCRN86400	50
NSYCRN88200	50
NSYCRN88300	50
NSYCRN106250	50
NSYCRN106300	50
NSYCRN106400	50
NSYCRN108250	50
NSYCRN108300	50
NSYCRN108400	50
NSYCRN126300	50
NSYCRN126400	50
NSYCRN128300	50
NSYCRN128400	50

N	Page
NSYCRN252150	50
NSYCRN325150	50
NSYCRN325200	50
NSYCRN345150	50
NSYCRN1010300D	50
NSYCRN1012300D	50
NSYCRN1012400D	50
NSYCRN1210300D	50
NSYCRN1210400D	50
NSYCRN1212300D	50
NSYCRN1212400D	50
NSYCRN1410300D	50
NSYCRN1010300T	50
NSYCRN810300D	50
NSYCRN812300D	50
NSYCRN106250P	50
NSYCRN106300P	50
NSYCRN108250P	50
NSYCRN108300P	50
NSYCRN252150P	50
NSYCRN325150P	50
NSYCRN325200P	50
NSYCRN106250T	50
NSYCRN106300T	50
NSYCRN106400T	50
NSYCRN108250T	50
NSYCRN108300T	50
NSYCRN108400T	50
NSYCRN126300T	50
NSYCRN126400T	50
NSYCRN128300T	50
NSYCRN128400T	50
NSYCRN325150T	50
NSYCRN325200T	50
NSYCRN33150P	50
NSYCRN33200P	50
NSYCRN43150P	50
NSYCRN43200P	50
NSYCRN44200P	50
NSYCRN46250P	50
NSYCRN54150P	50
NSYCRN54200P	50
NSYCRN54250P	50
NSYCRN55250P	50
NSYCRN64150P	50
NSYCRN64200P	50
NSYCRN64250P	50
NSYCRN65150P	50
NSYCRN65200P	50
NSYCRN65250P	50
NSYCRN66200P	50
NSYCRN66250P	50
NSYCRN66300P	50
NSYCRN75200P	50
NSYCRN75250P	50
NSYCRN86200P	50
NSYCRN86250P	50
NSYCRN86300P	50
NSYCRN88200P	50

N	Page
NSYCRN88300P	50
NSYCRN33150T	50
NSYCRN33200T	50
NSYCRN34200T	50
NSYCRN43150T	50
NSYCRN43200T	50
NSYCRN44200T	50
NSYCRN46250T	50
NSYCRN54150T	50
NSYCRN54200T	50
NSYCRN54250T	50
NSYCRN55250T	50
NSYCRN64150T	50
NSYCRN64200T	50
NSYCRN64250T	50
NSYCRN65200T	50
NSYCRN65250T	50
NSYCRN66200T	50
NSYCRN66250T	50
NSYCRN66300T	50
NSYCRN68300T	50
NSYCRN75200T	50
NSYCRN75250T	50
NSYCRN86200T	50
NSYCRN86250T	50
NSYCRN86300T	50
NSYCRN86400T	50
NSYCRN88300T	50
NSYCRNGSDR	43
NSYCRNSDR	50
NSYCTL500DLM	53
NSYCTL600DLM	53
NSYCTL800DLM	53
NSYDB1010M	18
NSYDB1510M	18
NSYDB2015M	18
NSYDB88M	18
NSYDBN88	18
NSYDBN1010	18
NSYDBN1510	18
NSYDBN2015	18
NSYDBN2520	18
NSYDBN3025	18
NSYDLA112G	53
NSYDLA234G	53
NSYDLA24G	53
NSYDLA48G	53
NSYDLA66G	53
NSYDLA84G	53
NSYDLA88G	53
NSYDLA48PG	53
NSYDLCR18	53
NSYDLCR24	53
NSYDLCR36	53
NSYDLCR48	53
NSYDLCR64	53
NSYDLCR88	53
NSYDLCR110	53
NSYDLCR135	53

Index of References
Steel Enclosures

N	Page
NSYDLM24	53
NSYDLM48	53
NSYDLM66	53
NSYDLM84	53
NSYDLM88	53
NSYDLM112	53
NSYDLM168	53
NSYDLM240	53
NSYDLM48P	53
NSYDLM84P	53
NSYEC35	66
NSYEC36	66
NSYEC44	66
NSYEC45	66
NSYEC64	66
NSYEC65	66
NSYEC66	66
NSYEC68	66
NSYEC84	66
NSYEC85	66
NSYEC86	66
NSYEC88	66
NSYEC104	66
NSYEC105	66
NSYEC106	66
NSYEC108	66
NSYEC124	66
NSYEC125	66
NSYEC126	66
NSYEC128	66
NSYEC164	66
NSYEC165	66
NSYEC166	66
NSYEC351	66
NSYEC361	66
NSYEC381	66
NSYEC441	66
NSYEC451	66
NSYEC461	66
NSYEC462	66
NSYEC481	66
NSYEC482	66
NSYEC641	66
NSYEC651	66
NSYEC661	66
NSYEC662	66
NSYEC681	66
NSYEC682	66
NSYEC841	66
NSYEC851	66
NSYEC861	66
NSYEC862	66
NSYEC881	66
NSYEC882	66
NSYEC1041	66
NSYEC1051	66
NSYEC1061	66
NSYEC1062	66
NSYEC1081	66

N	Page
NSYEC1082	66
NSYEC1241	66
NSYEC1251	66
NSYEC1261	66
NSYEC1262	66
NSYEC1281	66
NSYEC1282	66
NSYEC1641	66
NSYEC1651	66
NSYEC1661	66
NSYEC1662	66
NSYEDCOS	33
NSYEL166D8	32
NSYEMR	33, 43, 50
NSYID166	76
NSYID168	76
NSYID186	76
NSYID188	76
NSYID206	76
NSYID208	76
NSYID1810	76
NSYID2010	76
NSYINLCRN	32
NSYMB32	50
NSYMB33	50
NSYMB43	50
NSYMB54	50
NSYMB64	50
NSYMB65	50
NSYMB75	50
NSYMB86	50
NSYMB108	50
NSYMB1210	50
NSYMB3025	50
NSYMD33	50
NSYMD43	50
NSYMD54	50
NSYMD64	50
NSYMD66	50
NSYMD75	50
NSYMD86	50
NSYMD108	50
NSYMD128	50
NSYMDVR3	32
NSYMDVR4	32
NSYMDVR5	32
NSYMDVR6	32
NSYMDVR7	32
NSYMDVR8	32
NSYMDVR10	32
NSYMDVR12	32, 51
NSYMF32	32, 50
NSYMF33	32, 50
NSYMF43	32, 50
NSYMF44	32, 50
NSYMF54	32, 50
NSYMF55	32, 50
NSYMF64	32, 50
NSYMF65	32, 50

N	Page
NSYMF66	32, 50
NSYMF75	32, 50
NSYMF86	32, 50
NSYMF88	32, 50
NSYMF106	32, 50
NSYMF108	32, 50
NSYMF126	50
NSYMF128	32, 50
NSYMF1010	32, 50
NSYMF1210	32, 50
NSYMM22	50
NSYMM32	32, 50
NSYMM33	32, 50
NSYMM43	32, 50
NSYMM44	32, 50
NSYMM54	32, 50
NSYMM55	32, 50
NSYMM64	32, 50
NSYMM65	32, 50
NSYMM66	32, 50
NSYMM75	32, 50
NSYMM86	32, 50
NSYMM88	32, 50
NSYMM98	32
NSYMM99	32
NSYMM106	32, 50
NSYMM108	32, 50
NSYMM126	50
NSYMM128	32, 50
NSYMM1010	32, 50
NSYMM1210	32, 50
NSYMM1212	50
NSYMM1410	50
NSYMM2520	50
NSYMM3025	50
NSYMM3045	50
NSYMM1010WH	32
NSYMM1210WH	32
NSYMM106WH	32
NSYMM108WH	32
NSYMM128WH	32
NSYMM11SB	20
NSYMM12SB	20
NSYMM13SB	20
NSYMM14SB	20
NSYMM22SB	20
NSYMM23SB	20
NSYMM24SB	20
NSYMM25SB	20
NSYMM26SB	20
NSYMM28SB	20
NSYMM33SB	20
NSYMM34SB	20
NSYMM35SB	20
NSYMM36SB	20
NSYMM38SB	20
NSYMM44SB	20
NSYMM45SB	20
NSYMM46SB	20

N	Page
NSYMM48SB	20
NSYMM32WH	32
NSYMM33WH	32
NSYMM43WH	32
NSYMM44WH	32
NSYMM54WH	32
NSYMM55WH	32
NSYMM64WH	32
NSYMM66WH	32
NSYMM75WH	32
NSYMM86WH	32
NSYMM88WH	32
NSYMP126	66, 68
NSYMP128	66, 68, 76
NSYMP146	66, 68, 76
NSYMP148	66, 68, 76
NSYMP166	66, 68, 76
NSYMP168	66, 68, 76
NSYMP184	66, 68
NSYMP186	66, 68, 76
NSYMP188	66, 68, 76
NSYMP204	66, 69
NSYMP206	66, 69, 76
NSYMP208	66, 69, 76
NSYMP224	66, 69
NSYMP226	66, 69
NSYMP228	66, 69
NSYMP1210	76
NSYMP1212	76
NSYMP1410	76
NSYMP1412	76
NSYMP1610	76
NSYMP1612	76
NSYMP1810	66, 68, 76
NSYMP1812	66, 68, 76
NSYMP1816	66, 76
NSYMP2010	66, 69, 76
NSYMP2012	66, 69, 76
NSYMP2016	66, 69, 76
NSYMP2210	66, 69
NSYMP2212	66, 69
NSYMR32	32
NSYMR33	32, 50
NSYMR34	50
NSYMR43	32, 50
NSYMR44	32, 50
NSYMR46	50
NSYMR54	32, 50
NSYMR55	32, 50
NSYMR64	32, 50
NSYMR65	32, 50
NSYMR66	32, 50
NSYMR68	50
NSYMR75	32, 50
NSYMR86	32, 50
NSYMR88	32, 50
NSYMR106	32, 50
NSYMR108	32, 50
NSYMR126	50

Steel Enclosures

N	Page
NSYMR128	32, 50
NSYMR810	50
NSYMR1010	32, 50
NSYMR1012	50
NSYMR1210	32, 50
NSYMR1410	50
NSYMR3025	50
NSYPFCR	53
NSYPIN43	32, 34, 53
NSYPIN54	32, 34, 53
NSYPIN64	32, 34, 53
NSYPIN75	32, 34, 53
NSYPIN86	32, 34, 53
NSYPIN106	32, 34, 53
NSYPIN108	32, 34, 53
NSYPIN126	34, 53
NSYPIN128	32, 34, 53
NSYPMD1510	18
NSYPMD2015	18
NSYPMD2520	18
NSYPMD3025	18
NSYPMP500DLM	53
NSYPMP600DLM	53
NSYPMP800DLM	53
NSYPPSB	20
NSYRSW27	76
NSYRSW31	76
NSYRSW36	76
NSYRSW40	76
NSYRSWC36	76
NSYRSWC40	76
NSYS13M5HS	33
NSYS3D3215	44
NSYS3D5320	44
NSYS3D5420	44
NSYS3D6425	44
NSYS3D6620	44
NSYS3D8630	44
NSYS3D10625	44
NSYS3D10830	44
NSYS3D101030D	44
NSYS3D141030D	44
NSYS3DC3215	32
NSYS3DC3315	32
NSYS3DC3320	32
NSYS3DC4315	32
NSYS3DC4320	32
NSYS3DC4420	32
NSYS3DC5420	32
NSYS3DC5425	32
NSYS3DC5520	32
NSYS3DC5525	32
NSYS3DC6420	32
NSYS3DC6425	32
NSYS3DC6520	32
NSYS3DC6525	32
NSYS3DC6620	32
NSYS3DC6625	32
NSYS3DC6630	32
NSYS3DC6640	32
NSYS3DC7525	32
NSYS3DC8620	32
NSYS3DC8625	32
NSYS3DC8630	32
NSYS3DC8640	32
NSYS3DC8820	32
NSYS3DC8825	32
NSYS3DC8830	32
NSYS3DC9830	32
NSYS3DC9930	32
NSYS3DC10625	32
NSYS3DC10825	32
NSYS3DC10830	32
NSYS3DC10840	32
NSYS3DC12830	32
NSYS3DC12840	32
NSYS3DC101030	32
NSYS3DC121030	32
NSYSBM15158	20
NSYSBM15208	20
NSYSBM15308	20
NSYSBM15408	20
NSYSBM20208	20
NSYSBM20308	20
NSYSBM20408	20
NSYSBM20508	20
NSYSBM20608	20
NSYSBM151512	20
NSYSBM152012	20
NSYSBM153012	20
NSYSBM154012	20
NSYSBM202012	20
NSYSBM203012	20
NSYSBM204012	20
NSYSBM205012	20
NSYSBM206012	20
NSYSBM208012	20
NSYSBM303012	20
NSYSBM304012	20
NSYSBM305012	20
NSYSBM306012	20
NSYSBM308012	20
NSYSBM404012	20
NSYSBM405012	20
NSYSBM406012	20
NSYSBM408012	20
NSYSDCR200	32, 34, 53
NSYSDCR250	32, 34, 53
NSYSDCR300	32, 34, 53
NSYSDCR400	32, 34, 53
NSYSFN12640	66
NSYSFN12660	66
NSYSFN12840	66
NSYSFN12860	66
NSYSFN14640	66
NSYSFN14840	66
NSYSFN16660	66
NSYSFN16680	66
NSYSFN16860	66
NSYSFN16880	66
NSYSFN18440	66
NSYSFN18450	66
NSYSFN18460	66
NSYSFN18640	66
NSYSFN18650	66
NSYSFN18660	66
NSYSFN18840	66
NSYSFN18850	66
NSYSFN18860	66
NSYSFN20350	66
NSYSFN20360	66
NSYSFN20380	66
NSYSFN20440	66
NSYSFN20450	66
NSYSFN20460	66
NSYSFN20480	66
NSYSFN20640	66
NSYSFN20650	66
NSYSFN20660	66
NSYSFN20680	66
NSYSFN20840	66
NSYSFN20850	66
NSYSFN20860	66
NSYSFN20880	66
NSYSFN22460	66
NSYSFN22660	66
NSYSFN22680	66
NSYSFN22860	66
NSYSFN22880	66
NSYSFN181040	66
NSYSFN181050	66
NSYSFN181060	66
NSYSFN201040	66
NSYSFN201050	66
NSYSFN201060	66
NSYSFN201080	66
NSYSFN221060	66
NSYSFN1810402D	66
NSYSFN1810602D	66
NSYSFN1812402D	66
NSYSFN1812502D	66
NSYSFN1812602D	66
NSYSFN1816402D	66
NSYSFN2010402D	66
NSYSFN2010502D	66
NSYSFN2010602D	66
NSYSFN2012402D	66
NSYSFN2012502D	66
NSYSFN2012602D	66
NSYSFN2012802D	66
NSYSFN2016402D	66
NSYSFN2016502D	66
NSYSFN2016602D	66
NSYSFN2212602D	66
NSYSFN2212802D	66
NSYSFN1810402DP	66
NSYSFN1810602DP	66
NSYSFN1812402DP	66
NSYSFN1812502DP	66
NSYSFN1812602DP	66
NSYSFN2010402DP	66
NSYSFN2010502DP	66
NSYSFN2010602DP	66
NSYSFN2012402DP	66
NSYSFN2012502DP	66
NSYSFN2012602DP	66
NSYSFN2012802DP	66
NSYSFN2016402DP	66
NSYSFN2016502DP	66
NSYSFN2016602DP	66
NSYSFN2212602DP	66
NSYSFN2212802DP	66
NSYSFN188602D	66
NSYSFN208602D	66
NSYSFN188602DP	66
NSYSFN208602DP	66
NSYSFN181040P	66
NSYSFN181050P	66
NSYSFN181060P	66
NSYSFN201040P	66
NSYSFN201050P	66
NSYSFN201060P	66
NSYSFN201080P	66
NSYSFN221060P	66
NSYSFN201040T	66
NSYSFN201050T	66
NSYSFN201060T	66
NSYSFN12640P	66
NSYSFN12660P	66
NSYSFN12840P	66
NSYSFN12860P	66
NSYSFN14640P	66
NSYSFN14840P	66
NSYSFN16660P	66
NSYSFN16680P	66
NSYSFN16860P	66
NSYSFN16880P	66
NSYSFN18640P	66
NSYSFN18650P	66
NSYSFN18660P	66
NSYSFN18840P	66
NSYSFN18850P	66
NSYSFN18860P	66
NSYSFN20640P	66
NSYSFN20650P	66
NSYSFN20660P	66
NSYSFN20680P	66
NSYSFN20840P	66
NSYSFN20850P	66
NSYSFN20860P	66
NSYSFN20880P	66
NSYSFN22660P	66
NSYSFN22680P	66
NSYSFN22860P	66
NSYSFN22880P	66
NSYSFN18640T	66

Index of References
Steel Enclosures

N	Page
NSYSFN18650T	66
NSYSFN18680T	66
NSYSFN18840T	66
NSYSFN18850T	66
NSYSFN18860T	66
NSYSFN20640T	66
NSYSFN20650T	66
NSYSFN20840T	66
NSYSFN20850T	66
NSYSFN20860T	66
NSYSFN20880T	66
NSYSFN22880T	66
NSYSFNC35	69
NSYSFNC36	69
NSYSFNC38	69
NSYSFNC44	68, 69
NSYSFNC45	68, 69
NSYSFNC46	68, 69
NSYSFNC48	68, 69
NSYSFNC64	68, 69
NSYSFNC65	68, 69
NSYSFNC66	68, 69
NSYSFNC68	68, 69
NSYSFNC84	68, 69
NSYSFNC85	68, 69
NSYSFNC86	68, 69
NSYSFNC88	68, 69
NSYSFNC104	68, 69
NSYSFNC105	68, 69
NSYSFNC106	68, 69
NSYSFNC108	68, 69
NSYSFNC124	68, 69
NSYSFNC125	68, 69
NSYSFNC126	68, 69
NSYSFNC128	68, 69
NSYSFNC164	69
NSYSFNC165	69
NSYSFNC166	69
NSYSFNC610	69
NSYSFNC810	69
NSYSFND126	68
NSYSFND128	68
NSYSFND146	68
NSYSFND148	68
NSYSFND166	68
NSYSFND168	68
NSYSFND184	68
NSYSFND186	68
NSYSFND188	68
NSYSFND203	69
NSYSFND204	69
NSYSFND206	69
NSYSFND208	69
NSYSFND224	69
NSYSFND226	69
NSYSFND228	69
NSYSFND1810	68
NSYSFND2010	69
NSYSFND2210	69
NSYSFND18102D	68
NSYSFND18122D	68
NSYSFND20102D	69
NSYSFND20122D	69
NSYSFND20162D	69
NSYSFND22122D	69
NSYSFND18122DT	68
NSYSFND20122DT	69
NSYSFND22122DT	69
NSYSFND1882D	68
NSYSFND2062D	69
NSYSFND2082D	69
NSYSFND1810T	68
NSYSFND2010T	69
NSYSFND2210T	69
NSYSFND208D	69
NSYSFND126T	68
NSYSFND128T	68
NSYSFND146T	68
NSYSFND148T	68
NSYSFND166T	68
NSYSFND168T	68
NSYSFND186T	68
NSYSFND188T	68
NSYSFND206T	69
NSYSFND208T	69
NSYSFND226T	69
NSYSFND228T	69
NSYSFNPB	64
NSYSFNV12	68
NSYSFNV14	68
NSYSFNV16	68
NSYSFNV18	68
NSYSFNV20	69
NSYSFNV22	69
NSYSFPSC30	20, 34, 54
NSYSFPSC40	20, 34, 54
NSYSFPSC50	20, 34, 54
NSYSFPSC60	20, 34, 54
NSYSFPSC80	20, 34, 54
NSYSIMP12	66
NSYSIMP14	66
NSYSIMP16	66
NSYSIMP18	66
NSYSIMP20	66
NSYSIMP22	66
NSYSM12830	76
NSYSM14630	76
NSYSM14640	76
NSYSM14830	76
NSYSM14840	76
NSYSM16630	76
NSYSM16640	76
NSYSM16830	76
NSYSM16840	76
NSYSM18630	76
NSYSM18640	76
NSYSM18650	76
NSYSM18830	76
NSYSM18840	76
NSYSM18850	76
NSYSM18860	76
NSYSM20630	76
NSYSM20640	76
NSYSM20650	76
NSYSM20830	76
NSYSM20840	76
NSYSM20850	76
NSYSM20860	76
NSYSM181040	76
NSYSM1210302D	76
NSYSM1212402D	76
NSYSM1410402D	76
NSYSM1412402D	76
NSYSM1610302D	76
NSYSM1610402D	76
NSYSM1612302D	76
NSYSM1612402D	76
NSYSM1810402D	76
NSYSM1810502D	76
NSYSM1812402D	76
NSYSM1812502D	76
NSYSM1816402D	76
NSYSM1816502D	76
NSYSM2010402D	76
NSYSM2010502D	76
NSYSM2012402D	76
NSYSM2012502D	76
NSYSM2012602D	76
NSYSM2016402D	76
NSYSM2016502D	76
NSYSM2016602D	76
NSYSM1210302DP	76
NSYSM1212402DP	76
NSYSM1410402DP	76
NSYSM1412402DP	76
NSYSM1610302DP	76
NSYSM1610402DP	76
NSYSM1612302DP	76
NSYSM1612402DP	76
NSYSM1810402DP	76
NSYSM1810502DP	76
NSYSM1812402DP	76
NSYSM1812502DP	76
NSYSM1816402DP	76
NSYSM1816502DP	76
NSYSM2010402DP	76
NSYSM2010502DP	76
NSYSM2012402DP	76
NSYSM2012502DP	76
NSYSM2012602DP	76
NSYSM2016402DP	76
NSYSM2016502DP	76
NSYSM2016602DP	76
NSYSM181040P	76
NSYSM12830P	76
NSYSM14630P	76
NSYSM14640P	76
NSYSM14830P	76
NSYSM14840P	76
NSYSM16630P	76
NSYSM16640P	76
NSYSM16830P	76
NSYSM16840P	76
NSYSM18630P	76
NSYSM18640P	76
NSYSM18650P	76
NSYSM18830P	76
NSYSM18840P	76
NSYSM18850P	76
NSYSM18860P	76
NSYSM20630P	76
NSYSM20640P	76
NSYSM20650P	76
NSYSM20830P	76
NSYSM20840P	76
NSYSM20850P	76
NSYSM20860P	76
NSYSM14840T	76
NSYSM16640T	76
NSYSM16840T	76
NSYSM18640T	76
NSYSM18830T	76
NSYSM18840T	76
NSYSM18850T	76
NSYSM20640T	76
NSYSM20830T	76
NSYSM20840T	76
NSYSM20850T	76
NSYSM20860T	76
NSYSPF3100	66
NSYSPF3200	66
NSYSPF4100	66
NSYSPF4200	66
NSYSPF6100	34, 53, 66, 76
NSYSPF6200	34, 53, 66, 76
NSYSPF8100	34, 53, 66, 76
NSYSPF8200	34, 53, 66, 76
NSYSPF10100	34, 53, 66, 76
NSYSPF10200	34, 53, 66, 76
NSYSPF12100	34, 53, 66, 76
NSYSPF12200	34, 53, 66, 76
NSYSPF16100	66, 76
NSYSPF16200	66, 76
NSYSPS3100	76
NSYSPS3200	76
NSYSPS4100	66, 76
NSYSPS4200	66, 76
NSYSPS5100	66, 76
NSYSPS5200	66, 76
NSYSPS6100	66, 76
NSYSPS6200	66, 76
NSYSPS8100	66
NSYSPS8200	66
NSYSPS3100SD	34, 53
NSYSPS3200SD	34, 53
NSYSPS4100SD	34, 53

Index of References
Steel Enclosures

N	Page
NSYSPS4200SD	34, 53
NSYTFPCRN4	32
NSYTFPCRN5	32
NSYTFPCRN6	32
NSYTFPCRN8	32
NSYTFPCRN10	32
NSYTJ2015	32, 34, 54
NSYTJ2515	34
NSYTJ3015	32, 34, 54
NSYTJ3020	32, 34, 54
NSYTJ4015	34, 54
NSYTJ4020	32, 34, 54
NSYTJ4025	32, 34, 54
NSYTJ5020	32, 34, 54
NSYTJ5025	32, 34, 54
NSYTJ6020	32, 34, 54
NSYTJ6025	32, 34, 54
NSYTJ6030	32, 34, 54
NSYTJ6040	32, 34, 54
NSYTJ8020	34
NSYTJ8025	32, 34, 54
NSYTJ8030	32, 34, 54
NSYTJ8040	32, 34, 54
NSYTJ10030	32, 34, 54
NSYTJ10040	34, 54
NSYTJ12030	34, 54
NSYTJ12040	34, 54
NSYTLA	40
NSYTLB	40
NSYTLC	40
NSYTLCME	34
NSYTLCRNA	50
NSYTLCRNB	50
NSYTLCRNC	50
NSYTLCRND	50
NSYTLCRNO	50
NSYTLD	40
NSYTLDME	34
NSYTLE	40
NSYTLEME	34
NSYTLF	40
NSYTLFME	34
NSYTLG	40
NSYTLGFL	34
NSYTLGME	34
NSYTSACRNB	50
NSYTSACRNC	50, 51
NSYTSACRND	50
NSYTVR12	66, 76
NSYTVR14	66, 76
NSYTVR16	66, 76
NSYTVR18	66, 76
NSYTVR20	66, 76
NSYTVR22	66
NSYVDM20U8P	32, 34, 53
NSYVDM25U8P	32, 34, 53
NSYVDM12UF	32, 34, 53
NSYVDM17UF	32, 34, 53
NSYVDM21UF	32, 34, 53
NSYVDM11UP	32, 34, 53
NSYVDM16UP	32, 34, 53
NSYVDM20UP	32, 34, 53
NSYVDM8UF	34, 53
NSYVR18	66, 76
NSYVR20	66, 76
NSYVR22	66

N	Page
NSYAEFPFSBX	91
NSYAMRD15357SB	91
NSYAMRD20357SB	91
NSYAMRD30357SB	91
NSYAMRD40357SB	91
NSYDLM24	101
NSYDLM48	101
NSYDLM66	101
NSYDLM84	101
NSYDLM88	101
NSYDLM112	101
NSYDLM240	101
NSYDLM48P	101
NSYDLM84P	101
NSYMF32	101
NSYMF33	101
NSYMF43	101
NSYMF44	101
NSYMF54	101
NSYMF64	101
NSYMF66	101
NSYMF75	101
NSYMF86	101
NSYMF88	101
NSYMF106	101
NSYMF108	101
NSYMF126	101
NSYMF128	101
NSYMF1010	101
NSYMF1210	101
NSYMM32	101
NSYMM33	101
NSYMM43	101
NSYMM44	101
NSYMM54	101
NSYMM64	101
NSYMM66	101
NSYMM75	101
NSYMM86	101
NSYMM88	101
NSYMM106	101
NSYMM108	101
NSYMM126	101
NSYMM128	101
NSYMM1010	101
NSYMM1210	101
NSYMM3025	101
NSYMM11SB	91
NSYMM13SB	91
NSYMM22SB	91
NSYMM23SB	91
NSYMM24SB	91
NSYMM33SB	91
NSYMR32	101
NSYMR33	101
NSYMR43	101
NSYMR44	101
NSYMR46	101
NSYMR54	101
NSYMR64	101
NSYMR66	101
NSYMR75	101
NSYMR86	101
NSYMR88	101
NSYMR106	101
NSYMR108	101
NSYMR128	101
NSYMR1010	101
NSYMR1210	101
NSYMR3025	101
NSYPPSB	91
NSYS3X3215	101
NSYS3X3315	101
NSYS3X4315	101
NSYS3X4320	101
NSYS3X4420	101
NSYS3X4620	101
NSYS3X5420	101
NSYS3X6420	101
NSYS3X6625	101
NSYS3X7525	101
NSYS3X8625	101
NSYS3X8830	101
NSYS3X10830	101
NSYS3X12830	101
NSYS3X101030	101
NSYS3X121030	101
NSYS3X302515	101
NSYS3X601030	101
NSYS3X601230	101
NSYS3X801030	101
NSYS3X801230	101
NSYS3X101030H	101
NSYS3X121030H	101
NSYS3X302515H	101
NSYS3X10830H	101
NSYS3X12830H	101
NSYS3X10830T	101
NSYS3X3215H	101
NSYS3X3315H	101
NSYS3X4315H	101
NSYS3X4320H	101
NSYS3X4420H	101
NSYS3X4620H	101
NSYS3X5420H	101
NSYS3X6420H	101
NSYS3X6625H	101
NSYS3X7525H	101
NSYS3X8625H	101
NSYS3X8830H	101
NSYS3X4320T	101
NSYS3X5420T	101
NSYS3X6420T	101
NSYS3X7525T	101
NSYS3X8625T	101
NSYSBX15158	91, 95
NSYSBX15308	91, 95
NSYSBX20208	91, 95
NSYSBX20308	91, 95
NSYSBX204012	91, 95
NSYSBX303012	91, 95
NSYSDCR200	101
NSYSDCR250	101
NSYSDCR300	101
NSYSFX18640	111
NSYSFX18840	111
NSYSFX20650	111
NSYSFX20840	111
NSYSFX20860	111
NSYSFX181240	111
NSYSFX201060	111
NSYSFX201260	111
NSYSMX16840	111
NSYSMX18640	111
NSYSMX18840	111
NSYSMX20850	111
NSYSMX141030	111
NSYSMX181240	111
NSYSMX181640	111
NSYSMX201040	111
NSYSMX201250	111
NSYSMX201660	111
NSYSMX181640H	111
NSYSMX201040H	111
NSYSMX201250H	111
NSYSMX201660H	111
NSYSMX18840H	111

Insulated Enclosures

N	Page
NSYAEFTB	124
NSYAMFSTB	124, 125
NSYAMPA1916TB	125
NSYAMPA2419TB	125
NSYAMPA2924TB	125
NSYAMPA3429TB	125
NSYAMPM1916TB	125
NSYAMPM2419TB	125
NSYAMPM2924TB	125
NSYAMPM3429TB	125
NSYCDBPLM	146
NSYCS200PLM	146
NSYDLS12	135, 136
NSYDLS24	136
NSYDLS36	136
NSYDLS48	136
NSYDLS242	136
NSYFPLS1827G	136
NSYFPLS2727G	136
NSYFPLS2736G	136
NSYFPLS2754G	136
NSYFPLS3636G	136
NSYFPLS3654G	136
NSYFPLS3672G	136
NSYFPLS5454G	136
NSYFPLS5472G	136
NSYPLA10103G	158
NSYPLA10104G	158
NSYPLA10123G	158
NSYPLA10124G	158
NSYPLA12103G	158
NSYPLA12104G	158
NSYPLA12123G	158
NSYPLA12124G	158
NSYPLA12126G	158
NSYPLA15103G	158
NSYPLA15104G	158
NSYPLA15123G	158
NSYPLA15124G	158
NSYPLA15126G	158
NSYPLA10103TG	158
NSYPLA10104TG	158
NSYPLA10123TG	158
NSYPLA10124TG	158
NSYPLA12103TG	158
NSYPLA12104TG	158
NSYPLA12123TG	158
NSYPLA12124TG	158
NSYPLA12126TG	158
NSYPLA15103TG	158
NSYPLA15104TG	158
NSYPLA15123TG	158
NSYPLA15124TG	158
NSYPLA15126TG	158
NSYPLA1053G	158
NSYPLA1054G	158
NSYPLA1073G	158
NSYPLA1074G	158
NSYPLA1253G	158
NSYPLA1254G	158
NSYPLA1273G	158
NSYPLA1274G	158
NSYPLA1276G	158
NSYPLA1553G	158
NSYPLA1554G	158
NSYPLA1573G	158
NSYPLA1574G	158
NSYPLA1576G	158
NSYPLA2074G	158
NSYPLA5103G	158
NSYPLA5104G	158
NSYPLA5123G	158
NSYPLA5124G	158
NSYPLA7103G	158
NSYPLA7104G	158
NSYPLA7123G	158
NSYPLA7124G	158
NSYPLA1053TG	158
NSYPLA1054TG	158
NSYPLA1073TG	158
NSYPLA1074TG	158
NSYPLA1253TG	158
NSYPLA1254TG	158
NSYPLA1273TG	158
NSYPLA1274TG	158
NSYPLA1276TG	158
NSYPLA1553TG	158
NSYPLA1554TG	158
NSYPLA1573TG	158
NSYPLA1574TG	158
NSYPLA1576TG	158
NSYPLA2074TG	158
NSYPLA7103TG	158
NSYPLA7104TG	158
NSYPLA7123TG	158
NSYPLA7124TG	158
NSYPLA553G	158
NSYPLA554G	158
NSYPLA573G	158
NSYPLA574G	158
NSYPLA753G	158
NSYPLA754G	158
NSYPLA773G	158
NSYPLA774G	158
NSYPLA776G	158
NSYPLA553TG	158
NSYPLA554TG	158
NSYPLA573TG	158
NSYPLA574TG	158
NSYPLA753TG	158
NSYPLA754TG	158
NSYPLA773TG	158
NSYPLA774TG	158
NSYPLA776TG	158
NSYPLM3025BG	149
NSYPLM3025G	148
NSYPLM3025PG	149
NSYPLM3025TG	148
NSYPLM108BG	149
NSYPLM108G	148, 153
NSYPLM810G	147
NSYPLM108TG	148, 153
NSYPLM32BG	149
NSYPLM43BG	149
NSYPLM54BG	149
NSYPLM64BG	149
NSYPLM75BG	149
NSYPLM86BG	149
NSYPLM32G	148
NSYPLM43G	148, 153
NSYPLM54G	148, 153
NSYPLM57G	147
NSYPLM64G	148, 153
NSYPLM68G	147
NSYPLM75G	148, 153
NSYPLM86G	148, 153
NSYPLM32PG	149
NSYPLM43PG	149
NSYPLM54PG	149
NSYPLM64PG	149
NSYPLM75PG	149
NSYPLM86PG	149
NSYPLM32TG	148
NSYPLM43TG	148, 153
NSYPLM54TG	148, 153
NSYPLM64TG	148, 153
NSYPLM75TG	148, 153
NSYPLM86TG	148, 153
NSYPLM43TVG	148, 153
NSYPLM54TVG	148, 153
NSYPLM64TVG	148, 153
NSYPLM75TVG	148, 153
NSYPLM86TVG	148, 153
NSYPLM43VG	148
NSYPLM54VG	148
NSYPLM64VG	148
NSYPLM75VG	148
NSYPLM86VG	148
NSYPLMRS108GA	148
NSYPLS2727AG	136
NSYPLS2736AG	136
NSYPLS2754AG	136
NSYPLS3654AG	136
NSYPLS3672AG	136
NSYPLS5454AG	134, 136
NSYPLS5472AG	136
NSYPLS1827G	134, 136
NSYPLS2727G	136
NSYPLS2736G	136
NSYPLS2754G	136
NSYPLS3636G	136
NSYPLS3654G	136
NSYPLS5454G	136
NSYPLSC2727AG	136
NSYPLSC2736AG	136
NSYPLSC2754AG	136
NSYPLSC3654AG	136
NSYPLSC3672AG	136
NSYPLSC5454AG	136
NSYPLSC5472AG	134, 136
NSYPLSC1827G	134, 136
NSYPLSC2727G	136
NSYPLSC2736G	136
NSYPLSC2754G	136
NSYPLSC3636G	136
NSYPLSC3654G	136
NSYPLSC5454G	136
NSYPLSP1827G	134, 136
NSYPLSP2727G	136
NSYPLSP2736G	136
NSYPLSP2754G	136
NSYPLSP3636G	136
NSYPLSP3654G	136
NSYPLSP5454G	136
NSYPMA1827G	136
NSYPMA2727G	136
NSYPMA2736G	136
NSYPMA2754G	136
NSYPMA3636G	136
NSYPMA3654G	136
NSYPMA3672G	136
NSYPMA5454G	136
NSYPMA5472G	136
NSYPMM1827	136
NSYPMM2727	136
NSYPMM2736	136
NSYPMM2754	136
NSYPMM3636	136
NSYPMM3654	136
NSYPMM3672	136
NSYPMM5454	136
NSYPMM5472	136
NSYPMR1827	136
NSYPMR2727	136
NSYPMR2736	136
NSYPMR2754	136
NSYPMR3654	136
NSYPS2C27	141
NSYTBP775	125
NSYTBP885	125
NSYTBP1176	125
NSYTBP1397	125
NSYTBP11116	125
NSYTBP16128	125
NSYTBP19128	125
NSYTBP19168	125
NSYTBP24198	125
NSYTBP29248	125
NSYTBP241910	125
NSYTBP292412	125
NSYTBP342912	125
NSYTBP191210H	125
NSYTBP191610H	125
NSYTBP241910H	125
NSYTBP241912H	125
NSYTBP292412H	125

N	Page
NSYTBP292416H	125
NSYTBP342916H	125
NSYTBP191210HT	125
NSYTBP191610HT	125
NSYTBP241910HT	125
NSYTBP241912HT	125
NSYTBP292412HT	125
NSYTBP292416HT	125
NSYTBP342916HT	125
NSYTBP241910T	125
NSYTBP292412T	125
NSYTBP342912T	125
NSYTBP16128T	125
NSYTBP19128T	125
NSYTBP19168T	125
NSYTBP24198T	125
NSYTBP29248T	125
NSYTBP1397T	125
NSYTBS775	125
NSYTBS885	125
NSYTBS1176	125
NSYTBS1397	125
NSYTBS11116	125
NSYTBS16128	125
NSYTBS19128	125
NSYTBS19168	125
NSYTBS24198	125
NSYTBS29248	125
NSYTBS241910	125
NSYTBS292412	125
NSYTBS342912	125
NSYTBS111113H	125
NSYTBS191210H	125
NSYTBS191610H	125
NSYTBS241910H	125
NSYTBS241912H	125
NSYTBS292412H	125
NSYTBS292416H	125
NSYTBS342916H	125
NSYTBS191210HT	125
NSYTBS191610HT	125
NSYTBS241910HT	125
NSYTBS241912HT	125
NSYTBS292412HT	125
NSYTBS292416HT	125
NSYTBS342916HT	125
NSYTBS241910T	125
NSYTBS292412T	125
NSYTBS342912T	125
NSYTBS16128T	125
NSYTBS19128T	125
NSYTBS19168T	125
NSYTBS24198T	125
NSYTBS29248T	125
NSYTBS1179H	125
NSYTBS1397T	125
NSYTCSPLM	146
NSYTEX5	140
NSYTEX8	162, 163

N	Page
NSYTL27270G	141
NSYTPLS1827	136
NSYTPLS2727	136
NSYTPLS2736	136
NSYTPLS2754	136
NSYTPLS3636	136
NSYTPLS3654	136
NSYTPLS5454	136
NSYTPLS2727A	136
NSYTPLS2736A	136
NSYTPLS2754A	136
NSYTPLS3654A	136
NSYTPLS3672A	136
NSYTPLS5454A	136
NSYTPLS5472A	136
NSYTPLSC2727AG	136
NSYTPLSC2736AG	136
NSYTPLSC2754AG	136
NSYTPLSC3654AG	136
NSYTPLSC3672AG	136
NSYTPLSC5454AG	136
NSYTPLSC5472AG	136
NSYTPLSC1827G	136
NSYTPLSC2727G	136
NSYTPLSC2736G	136
NSYTPLSC2754G	136
NSYTPLSC3636G	136
NSYTPLSC3654G	136
NSYTPLSC5454G	136
NSYTPLSP2727G	136
NSYTPLSP2754G	136
NSYTPLSP3654G	136
NSYUM27270	141
NSYVPLM108	146

Specific Application Enclosures

A	Page
ATV630D11M3	279
ATV630D15M3	279
ATV630D18M3	279
ATV630D22M3	279
ATV630D30M3	279
ATV630D37M3	279
ATV630D45M3	279
ATV930D11M3	279
ATV930D15M3	279
ATV930D18M3	279
ATV930D22M3	279
ATV930D30M3	279
ATV930D37M3	279
ATV930D45M3	279
ATV630D11N4	279
ATV630D15N4	279
ATV630D18N4	279
ATV630D22N4	279
ATV630D30N4	279
ATV630D37N4	279
ATV630D45N4	279
ATV630D55N4	279
ATV630D75N4	279
ATV630D90N4	279
ATV930D11N4	279
ATV930D15N4	279
ATV930D18N4	279
ATV930D22N4	279
ATV930D30N4	279
ATV930D37N4	279
ATV930D45N4	279
ATV930D55N4	279
ATV930D75N4	279
ATV930D90N4	279
ATV340D30N4E	279
ATV340D37N4E	279
ATV340D45N4E	279
ATV340D55N4E	279
ATV340D75N4E	279
ATV630U07M3	279
ATV630U15M3	279
ATV630U22M3	279
ATV630U30M3	279
ATV630U40M3	279
ATV630U55M3	279
ATV630U75M3	279
ATV930U07M3	279
ATV930U15M3	279
ATV930U22M3	279
ATV930U30M3	279
ATV930U40M3	279
ATV930U55M3	279
ATV930U75M3	279
ATV630U07N4	279
ATV630U15N4	279
ATV630U22N4	279
ATV630U30N4	279
ATV630U40N4	279
ATV630U55N4	279

A	Page
ATV630U75N4	279
ATV930U07N4	279
ATV930U15N4	279
ATV930U22N4	279
ATV930U30N4	279
ATV930U40N4	279
ATV930U55N4	279
ATV930U75N4	279

N	Page
NSY6G2SPN206	250
NSY2SPINHD184	227
NSY2SPINHD186	227
NSY2SPINHD188	227
NSY2SPINHD204	227
NSY2SPINHD206	227
NSY2SPN126	207
NSY2SPN128	207
NSY2SPN146	207
NSY2SPN148	207
NSY2SPN166	170, 207
NSY2SPN168	170, 207
NSY2SPN186	170, 207
NSY2SPN188	170, 207
NSY2SPN206	207
NSY2SPN208	207
NSY2SPN226	207
NSY2SPN228	207
NSY2SPN2010	207
NSY2SPN2210	207
NSYAEDL1242K31	239
NSYAEDL1242K33	239, 251
NSYAEDL405K31	239
NSYAEDL405K33	239, 251
NSYAEDL455K31	239
NSYAEDL455K33	239, 251
NSYAEDLEDF13K31	239
NSYAEDLEDF13K33	239, 251
NSYAEDLEDF14K31	239
NSYAEDLEDF14K33	239, 251
NSYAEDLEDF9K31	239
NSYAEDLEDF9K33	239, 251
NSYAEDLPADS3DK3	239
NSYAEFPFSC	265
NSYAEFPFXSC	265
NSYAELYTCRG8	239
NSYBPN126	207
NSYBPN128	207
NSYBPN146	207
NSYBPN148	207
NSYBPN166	207
NSYBPN168	207
NSYBPN186	207
NSYBPN188	207
NSYBPN206	207
NSYBPN226	207
NSYBPN228	207
NSYCAAPVHD	233

N	Page
NSYCAG223LFHD	233
NSYCGHF12	275
NSYCGHF16	275
NSYCGHF20	275
NSYCGHF25	275
NSYCGHF32	275
NSYCGHF40	275
NSYCLL405CRN	274
NSYCMACS50	195
NSYCMBPT	193
NSYCMT5005	191, 194
NSYCMT5010	191, 194
NSYCMT5015	191, 194
NSYCMT5020	191, 194
NSYCMT2560110	193
NSYCMUCC50	191, 195, 199
NSYCMUCR50	191, 195, 199
NSYCMUIA50	191, 194, 198
NSYCMUMA50	191, 194, 198
NSYCMUMA80	198
NSYCMUMC50	191, 194, 198
NSYCMUMR50	191, 194, 198
NSYCMUTC50	191, 195, 199
NSYCN9M625	218
NSYCOCNS1400	274
NSYCOCNS1800	274
NSYCSP6G	250
NSYEB1510D6	275
NSYEB1516D8	275
NSYEB2025D8	275
NSYEB2050D8	275
NSYEB156D6	275
NSYEC66	207
NSYEC68	207
NSYEC86	207
NSYEC88	207
NSYEC440	211
NSYEC610	207
NSYEC661	170, 207
NSYEC662	207
NSYEC681	170, 207
NSYEC682	207
NSYEC810	207
NSYEC861	207
NSYEC862	207
NSYEC881	207
NSYEC882	207
NSYEC6101	207
NSYEC6102	207
NSYEC8101	207
NSYEC8102	207
NSYECAV440	211
NSYECP440	211
NSYECVT2V440	211
NSYECVT3V440	211
NSYEX206	210
NSYFECVT440	210
NSYFXT6060	170
NSYFXT8060	170

N	Page
NSYGB140	217
NSYGFR166P	218
NSYGFR95M55	218
NSYGFR95M63	218
NSYGFR95M65	218
NSYHLCR60	246, 250
NSYINLCRN	239
NSYMBR19	214
NSYMF2PLAZ4	225
NSYMF2PLAZ6	225
NSYMFP2M6	170
NSYMICN6	170
NSYML405SD	183
NSYMP208	246, 250
NSYMPB4SD	183
NSYMPB6SD	183
NSYMPBSD	183
NSYMPD4M6	170
NSYPCVDN126	207, 210
NSYPCVDN128	207, 210
NSYPCVDN188	207, 210
NSYPCVDN206	207, 210
NSYPCVDN208	207, 210
NSYPCVDN226	207, 210
NSYPCVDN228	207, 210
NSYPFCR	274
NSYPHDT553P	225
NSYPHDT753P	225
NSYPHDZT774	225
NSYPHDZT776	225
NSYPHDZT1054	225
NSYPHDZT1074	225
NSYPHDZT1254	225
NSYPHDZT1274	225
NSYPHDZT1276	225
NSYPHDZT1574	225
NSYPHDZT1576	225
NSYPHDZT2074	225
NSYPHDZT12124	225
NSYPHDZT12126	225
NSYPHDZT15124	225
NSYPHDZT15126	225
NSYPHDZT12124P	225
NSYPHDZT12126P	225
NSYPHDZT15124P	225
NSYPHDZT15126P	225
NSYPHDZT1054P	225
NSYPHDZT1074P	225
NSYPHDZT1254P	225
NSYPHDZT1274P	225
NSYPHDZT1276P	225
NSYPHDZT1574P	225
NSYPHDZT1576P	225
NSYPHDZT2074P	225
NSYPHDZT774P	225
NSYPHDZT776P	225
NSYPLHD	233
NSYPLS24	182
NSYPLS30	182

Specific Application Enclosures

L	Page
NSYPMP4580	183
NSYPMP8560	183
NSYPMP8580	183
NSYPMP45100	183
NSYPMP45120	183
NSYPMP45160	183
NSYPMP85100	183
NSYPMP85120	183
NSYPMP85160	183
NSYPTDS1	279
NSYPTDS2	279
NSYPTDS3	279
NSYPTDS4	279
NSYPTDS5	279
NSYRC12	207, 213
NSYRC14	207
NSYRC16	207
NSYRC18	207, 213
NSYRC20	207, 213
NSYRC22	207, 213
NSYRC1U	217
NSYRCDFIX	217
NSYRCDR12	215, 218
NSYRCDR18	218
NSYRCINT	218
NSYRCK24	207, 212
NSYRCK29	207, 212
NSYRCK33	207, 212
NSYRCK38	207, 212
NSYRCK42	207, 212, 246, 251
NSYRCK47	207, 212
NSYRCK19KIT	212, 213
NSYRCK19KIT6G	246, 251
NSYRCK19KITN6G	246, 251
NSYRCKP4	212
NSYRCKP8	212
NSYRCKP12	212
NSYRCKP17	212
NSYRCKP21	212
NSYRCKP26	212
NSYRCKS6	207, 213
NSYRCKS8	207, 213
NSYRCKS10	207, 213
NSYRCLOCK	218
NSYRCSUP15	217
NSYRCSUP25	217
NSYRP2	182, 184
NSYRSW27	207, 215
NSYRSW31	207, 215
NSYRSW36	207, 215
NSYRSW40	207, 215
NSYRSW45	207, 215
NSYRSW636	207, 215
NSYRSW640	207, 215
NSYRSW645	207, 215
NSYRSWC36	207, 216
NSYRSWC40	207, 216
NSYRSWC45	207, 216

L	Page
NSYRSWH180	216
NSYRSWP6	214
NSYRSWP9	214
NSYRSWP12	214
NSYRSWP15	214
NSYRSWP18	214
NSYRSWP21	214
NSYRSWSP6	214
NSYRSWSP8	214
NSYS3CM303020	191, 193, 196
NSYS3CM304020	191, 193, 196
NSYS3CM404020	191, 193, 196
NSYS3CM406025	191, 193, 196
NSYS3CM505025	191, 193, 196
NSYS3CM606020	191, 193, 196
NSYS3CM608030	196
NSYS3D4620	204
NSYS3D4625	204
NSYS3D6620	204
NSYS3D6625	204
NSYS3D6630	204
NSYS3D6640	204
NSYS3D8620	204
NSYS3D8625	204
NSYS3D8630	204
NSYS3D8640	204
NSYS3D10625	204
NSYS3D10630	204
NSYS3D10640	204
NSYS3D10825	204
NSYS3D10830	204
NSYS3D10840	204
NSYS3D12830	204
NSYS3D12840	204
NSYS3D10625T	204
NSYS3D10630T	204
NSYS3D10640T	204
NSYS3D10825T	204
NSYS3D10830T	204
NSYS3D10840T	204
NSYS3D12830T	204
NSYS3D12840T	204
NSYS3D4620T	204
NSYS3D4625T	204
NSYS3D6620T	204
NSYS3D6625T	204
NSYS3D6630T	204
NSYS3D6640T	204
NSYS3D8620T	204
NSYS3D8625T	204
NSYS3D8630T	204
NSYS3D8640T	204
NSYS3D6G12840P	238
NSYS3D6G32515P	238
NSYS3D6G4320P	238
NSYS3D6G7525P	238
NSYS3D6G8630P	238
NSYS3DEX3215	265

N	Page
NSYS3DEX3320	265
NSYS3DEX4320	265
NSYS3DEX4420	265
NSYS3DEX5420	265
NSYS3DEX6425	265
NSYS3DEX6625	265
NSYS3DEX7525	265
NSYS3DEX8630	265
NSYS3DEX10830	265
NSYS3HD3215	226
NSYS3HD4320	226
NSYS3HD5420	226
NSYS3HD6425	226
NSYS3HD6630	226
NSYS3HD7525	226
NSYS3HD8630	226
NSYS3HD8840	226
NSYS3HD10640	226
NSYS3HD10840	226
NSYS3HF10830P	274
NSYS3HF4320P	274
NSYS3HF6420P	274
NSYS3HF6625P	274
NSYS3HF8630P	274
NSYSD6	176, 180, 182
NSYSD8	176, 180, 182
NSYSD10	176, 180, 182
NSYSD12	176, 180, 182
NSYSD10R	176, 180, 182, 184
NSYSD12R	176, 180, 182, 184
NSYSD6R	176, 180, 182, 184
NSYSD8R	176, 180, 182, 184
NSYSDC42	182, 184
NSYSDC43	182, 184
NSYSDC62	182, 184
NSYSDC63	182, 184
NSYSDF88	177, 180, 182
NSYSDF108	177, 180, 182
NSYSDF128	177, 180, 182
NSYSDF168	177, 180, 182
NSYSDF810	177, 180, 182
NSYSDF1010	177, 180, 182
NSYSDF1210	177, 180, 182
NSYSDF1610	177, 180, 182
NSYSFBK19	246
NSYSFBKR	246
NSYSFHFBK184	275
NSYSFHFBK186	275
NSYSFHFBK204	275
NSYSFHFBK206	275
NSYSFHFBK208	275
NSYSFHFBK226	275
NSYSFHFBK228	275
NSYSFHFBK2010	275
NSYSFN6G20860	246
NSYSFNC66	170, 207
NSYSFNC68	170, 207
NSYSFNC86	207

N	Page
NSYSFNC88	207
NSYSFNC610	207
NSYSFNC810	207
NSYSFNCVR64HD	227
NSYSFNCVR66HD	227
NSYSFNCVR84HD	227
NSYSFNCVR86HD	227
NSYSFNCVR88HD	227
NSYSFND126	207
NSYSFND128	207
NSYSFND146	207
NSYSFND148	207
NSYSFND166	170, 207
NSYSFND168	207
NSYSFND186	170, 207
NSYSFND188	207
NSYSFND206	207
NSYSFND208	207
NSYSFND226	207
NSYSFND228	207
NSYSFND20102DI	284
NSYSFND20122DI	284
NSYSFND20802DI	284
NSYSFND22102DI	284
NSYSFND22122DI	284
NSYSFND22802DI	284
NSYSFND126T	207
NSYSFND128T	207
NSYSFND146T	207
NSYSFND148T	207
NSYSFND166T	207
NSYSFND168T	207
NSYSFND186T	207
NSYSFND188T	207
NSYSFND206T	207
NSYSFND208T	207
NSYSFND226T	207
NSYSFND228T	207
NSYSFNHD18640	227
NSYSFNHD18840	227
NSYSFNHD18860	227
NSYSFNHD18880	227
NSYSFNHD20660	227
NSYSFNHD20840	227
NSYSFNHD20860	227
NSYSFNPCMK600	170
NSYSFNPCPD600	170
NSYSFNPCPD600T	170
NSYSFNRB6003G	257
NSYSFNRB8003G	257
NSYSFNRB3G	254
NSYSFNV12	207
NSYSFNV14	207
NSYSFNV16	170, 207
NSYSFNV18	170, 207
NSYSFNV20	207
NSYSFNV22	207
NSYSFPB6G	246, 250

Index of References
Specific Application Enclosures

N	Page
NSYSLCKP	284
NSYSLCKS6	284
NSYSLCKS8	284
NSYSLCKS10	284
NSYSLCKS12	284
NSYSLINK800	284
NSYSLINK1000	284
NSYSLINK1200	284
NSYSODS	284
NSYSPF6100	180, 207
NSYSPF6200	180, 207
NSYSPF8100	180, 207
NSYSPF8200	180, 207
NSYSPF10100	180, 207
NSYSPF10200	180, 207
NSYSPF12100	180
NSYSPF12200	180
NSYSPF16100	180
NSYSPF16200	180
NSYSPFX6100	180
NSYSPFX6200	180
NSYSPFX8100	180
NSYSPFX8200	180
NSYSPFX10100	180
NSYSPFX10200	180
NSYSPFX12100	180
NSYSPFX12200	180
NSYSPS6100	207
NSYSPS6200	207
NSYSPS8100	207
NSYSPS8200	207
NSYSPS4100SD	180
NSYSPS4200SD	180
NSYSPS5100SD	180
NSYSPS5200SD	180
NSYSPS6100SD	180
NSYSPS6200SD	180
NSYSPSX5100	180
NSYSPSX5200	180
NSYTEDB5ML	215
NSYTMME	215
NSYTSP450	210
NSYTSPC450	210
NSYVDM20U8P	204
NSYVDM25U8P	204, 205
NSYVDM12UF	204, 205
NSYVDM17UF	204, 205
NSYVDM21UF	204, 205
NSYVDM11UP	204, 205
NSYVDM16UP	204, 205
NSYVDM20UP	204, 205
NSYVDM8UF	204, 205
NSYVDM7UP	204

Index of References
ClimaSys Thermal Management

N	Page
NSY17990	302
NSY17991	302
NSY17992	302
NSY17996	302
NSY17997	302
NSY17998	302
NSYCAAPV	300
NSYCAAPVHD	306
NSYCAC228RMF	293
NSYCAF92	300
NSYCAF108	308
NSYCAF125	300
NSYCAF223	300
NSYCAF291	300
NSYCAF125L55	301, 303
NSYCAF223L55	301, 303
NSYCAF291L55	301, 303
NSYCAF125M	300
NSYCAF223M	300
NSYCAF291M	300
NSYCAF125O	300
NSYCAF223O	300
NSYCAF291O	300
NSYCAF228R	293
NSYCAF125T	300
NSYCAF223T	300, 306
NSYCAF291T	300
NSYCAF130X110X	292
NSYCAF170X190X	292
NSYCAF104X95X	292
NSYCAF92M	300
NSYCAG223LFHD	301, 306
NSYCAG108LP	308
NSYCAG114LPF	309
NSYCAG125LPF	300
NSYCAG223LPF	300
NSYCAG291LPF	300
NSYCAG130X110LM	292
NSYCAG170X190LM	292
NSYCAG317X120M	292
NSYCAG417X120M	292
NSYCAG104X95LM	292
NSYCAG110X46M	292
NSYCAG180X62M	292
NSYCAG216X62M	292
NSYCAG317X91M	292
NSYCAG19LP	293
NSYCAG33LP	293
NSYCAG35LP	293
NSYCAG38LP	293
NSYCAG45LP	293
NSYCAG78LPF	309
NSYCAG92LPF	300
NSYCAG12LPH1	293
NSYCAG12LPH2	293
NSYCAP125LE	302, 303
NSYCAP223LE	302, 303
NSYCAP291LE	302, 303
NSYCAP125LXF	301, 303
NSYCAP223LXF	301, 303
NSYCAP291LXF	301, 303
NSYCAP125LZF	301, 303
NSYCAP223LZF	301, 303
NSYCAP291LZF	301, 303
NSYCCASTE	339
NSYCCOHY230VID	337, 339
NSYCCOHYT120VID	337, 339
NSYCCOHYT230VID	337, 339
NSYCCOHYT30VID	337, 339
NSYCCOTH120VID	337, 339
NSYCCOTH230VID	337, 339
NSYCCOTH30VID	337, 339
NSYCCOTHC	336, 338
NSYCCOTHCF	336, 338
NSYCCOTHD	336, 338
NSYCCOTHDF	336, 338
NSYCCOTHI	336, 338
NSYCCOTHO	336, 338
NSYCCOTHOF	336, 338
NSYCR170W230VVC	334
NSYCR100WU2	335
NSYCR150WU2	335
NSYCR100WU2C	334
NSYCR150WU2C	334
NSYCR10WU2	335
NSYCR20WU2	335
NSYCR55WU2	335
NSYCR10WU2C	334
NSYCR20WU2C	334
NSYCR50WU2C	334
NSYCRP1W120VTVC	335
NSYCRP1W230VTVC	335
NSYCRS100W240V	331
NSYCRS200W240V	331
NSYCRS10W240V	331
NSYCRS25W240V	331
NSYCRS50W240V	331
NSYCU8002P4DG	315, 323, 324
NSYCU8002P4RDG	319, 323, 327
NSYCU350DG	315, 323, 324
NSYCU600DG	315, 323, 324
NSYCU800DG	315, 323, 324
NSYCU600RDG	319, 323, 327
NSYCU800RDG	319, 323, 327
NSYCU1K22P4DG	315, 323, 324
NSYCU1K62P4DG	315, 323, 324
NSYCU3K23P4DG	316, 323, 325
NSYCU1K22P4RDG	319, 323, 327
NSYCU1K52P4RDG	319, 323, 327
NSYCU1K2DG	315, 323, 324
NSYCU1K6DG	315, 323, 324
NSYCU3K2DG	316, 323, 325
NSYCU1K2P4DG	315, 323, 324
NSYCU2K3P4DG	316, 323, 324
NSYCU4K3P4DG	316, 323, 325
NSYCU2K3P4RDG	319, 323, 327
NSYCU3K3P4RDG	319, 323, 327
NSYCU4K3P4RDG	319, 323, 327
NSYCU1K2RDG	319, 323, 327
NSYCU1K5RDG	319, 323, 327
NSYCU1KDG	315, 323, 324
NSYCU2KDG	315, 323, 324
NSYCU2KRDG	319, 323, 327
NSYCUACC001DG	323
NSYCUACC002DG	323
NSYCUACC003DG	323
NSYCUACC004DG	323
NSYCUACC005DG	323
NSYCUACC006DG	323
NSYCUACC007DG	323
NSYCUACC008DG	323
NSYCUACC009DG	319, 323
NSYCUACC010DG	323
NSYCUACC011DG	323
NSYCUACC013DG	323
NSYCUACC014DG	323
NSYCUACC015DG	323
NSYCUACC017DG	323
NSYCUACC018DG	323
NSYCUACC019DG	323
NSYCUACC020DG	323
NSYCUACC021DG	323
NSYCUACC022DG	323
NSYCUACC023DG	323
NSYCUACC024DG	323
NSYCUACC025DG	323
NSYCUACC026DG	323
NSYCUACC027DG	323
NSYCUACC028DG	323
NSYCUACC029DG	323
NSYCUACC030DG	323
NSYCUACC031DG	323
NSYCUACC032DG	323
NSYCUACC033DG	323
NSYCUACC034DG	323
NSYCUACC035DG	323
NSYCUACC036DG	323
NSYCUACC037DG	323
NSYCUACC038DG	323
NSYCUACC039DG	323
NSYCUACC040DG	323
NSYCUH600DG	323
NSYCUHD350DG	321, 323, 326
NSYCUHD600DG	321, 326
NSYCUHD800DG	321, 323, 326
NSYCUHD1K62P4DG	321, 323, 326
NSYCUHD1K6DG	321, 323, 326
NSYCUHD1K2P4DG	321, 323, 326
NSYCUHD2K3P4DG	321, 323, 326
NSYCUHD1KDG	321, 323, 326
NSYCUX350DG	315, 323, 324
NSYCUX600DG	315, 323, 324
NSYCUX1K6DG	315, 323, 324
NSYCUX1K2P4DG	315, 323, 324
NSYCUX2K3P4DG	316, 323, 324
NSYCUX1KDG	315, 323, 324
NSYCVA114M	309
NSYCVA78M	309
NSYCVAC100	309
NSYCVAC200	309
NSYCVF156M	309
NSYCVF156M115	308
NSYCVF156M230	308
NSYCVF170M115	309
NSYCVF170M230	309
NSYCVF550M115FB	306
NSYCVF550M230FB	306
NSYCVF570M115MF	308
NSYCVF575M230MF	308
NSYCVF165M115PF	299
NSYCVF165M230PF	299
NSYCVF300M115PF	299
NSYCVF300M230PF	299
NSYCVF560M115PF	299, 311
NSYCVF560M230PF	299, 311
NSYCVF850M115PF	299, 311
NSYCVF850M230PF	299, 311
NSYCVF850M400PF	299
NSYCVF165M24DPF	299
NSYCVF165M48DPF	299
NSYCVF300M24DPF	299
NSYCVF300M48DPF	299
NSYCVF550M24FB	306
NSYCVF35M	309
NSYCVF35M115	308
NSYCVF35M230	308
NSYCVF38M115DG	310
NSYCVF38M230DG	310
NSYCVF54M230MM2	308
NSYCVF38M115PF	299
NSYCVF38M230PF	299, 310
NSYCVF65M115PF	308
NSYCVF65M230PF	308
NSYCVF85M115PF	299
NSYCVF85M230PF	299
NSYCVF38M24DPF	299
NSYCVF38M48DPF	299
NSYCVF85M24DPF	299
NSYCVF85M48DPF	299
NSYPCVR124HD	305
NSYPCVR126HD	305
NSYPCVR54HD	305
NSYPCVR74HD	305
NSYPCVR76HD	305
NSYPHDT553P	305
NSYPHDT753P	305
NSYPHDZT774	305
NSYPHDZT776	305
NSYPHDZT1054	305
NSYPHDZT1074	305
NSYPHDZT1254	305
NSYPHDZT1274	305
NSYPHDZT1276	305
NSYPHDZT1574	305
NSYPHDZT1576	305
NSYPHDZT2074	305

Index of References
ClimaSys Thermal Management

N	Page
NSYPHDZT12124	305
NSYPHDZT12126	305
NSYPHDZT15124	305
NSYPHDZT15126	305
NSYPHDZT12124P	305
NSYPHDZT12126P	305
NSYPHDZT15124P	305
NSYPHDZT15126P	305
NSYPHDZT1054P	305
NSYPHDZT1074P	305
NSYPHDZT1254P	305
NSYPHDZT1274P	305
NSYPHDZT1276P	305
NSYPHDZT1574P	305
NSYPHDZT1576P	305
NSYPHDZT2074P	305
NSYPHDZT774P	305
NSYPHDZT776P	305
NSYRE26	292
NSYRE60	292
NSYS3HD8630	305
NSYS3HD8840	305
NSYS3HD10640	305
NSYS3HD10840	305
NSYSFNCVR64HD	305
NSYSFNCVR66HD	305
NSYSFNCVR84HD	305
NSYSFNCVR86HD	305
NSYSFNCVR88HD	305
NSYSFNHD18640	305
NSYSFNHD18840	305
NSYSFNHD18860	305
NSYSFNHD18880	305
NSYSFNHD20660	305
NSYSFNHD20840	305
NSYSFNHD20860	305
NSYSPFVX6200	305
NSYSPFVX8200	305
NSYSPLA150	306
NSYSPSX3200	305

Index of References
Accessories

1	Page
13934	390

A	
AF1CF34	371
AF1CF56	371
AF1EA3	356, 386
AF1EA4	386
AF1EA5	386
AF1EA6	356, 386
AF1GC4	371
AF1GC5	371
AF1GC6	371
AF1VA612	361
AF1VA618	361
AF1VC820	361
AK2CA3	437
AK2CA6	437
AK2CD25	437
AK2CD37	437
AK2CD50	437
AK2CD75	437
AK2CD100	437
AK2CD125	437
AK2GA33	436
AK2GA35	436
AK2GA39	436
AK2GA65	436
AK2GA69	436
AK2GA315	436
AK2GA615	436
AK2GD2525	436
AK2GD2550	436
AK2GD3750	436
AK2GD3775	436
AK2GD5050	436
AK2GD5075	436
AK2GD7550	436
AK2GD7575	436
AK2GD10075	436
AK2GD12575	436
AM1DL201	369
AM1EA200	369
AM1EC200	369
AM1PA3015	347
AM1PA3020	347
AM1PA3070	347
AM1PA4030	347
AM1PA6040	347
AM1PA6050	347
AM1PA6060	347
AM1PA9060	347
AM1PA9070	347
AX2DL01	385
AX2DL02	385
AZ1CA04	352

D	
DX1AP52	385
DZ5ME5	371
DZ5ME8	371
DZ5ME9	371
DZ5MF6	360
DZ5MF8	360
DZ5MS10	385
DZ6MZ211	360

I	
IMT36150	428
IMT36151	421
IMT36152	421
IMT36153	421
IMT36154	421
IMT36155	421
IMT36158	421
IMT36161	421
IMT36162	421
IMT36163	421
IMT36164	421
IMT36167	421
IMT36168	421
IMT36169	421
IMT36179	428
IMT36180	428
IMT36181	428
IMT36182	428
IMT36183	428
IMT36184	428
IMT36185	428
ISM71071	427
ISM71072	427
ISM71073	427
ISM71074	427
ISM71501	428
ISM71502	428
ISM71503	428
ISM71504	428
ISM71505	428
ISM71506	428

L	
LVS08881	426
LVS08892	426
LVS08895	426
LVS08897	426
LVS08898	426
LVS08899	426

N	
NSY2SPN124	387
NSY2SPN125	387
NSY2SPN126	387
NSY2SPN128	387
NSY2SPN144	387
NSY2SPN145	387
NSY2SPN146	387
NSY2SPN148	387
NSY2SPN164	387
NSY2SPN165	387
NSY2SPN166	387
NSY2SPN168	387
NSY2SPN184	387
NSY2SPN185	387
NSY2SPN186	387
NSY2SPN188	387
NSY2SPN204	387
NSY2SPN205	387
NSY2SPN206	387
NSY2SPN208	387
NSY2SPN224	387
NSY2SPN225	387
NSY2SPN226	387
NSY2SPN228	387
NSY2SPX184	387
NSY2SPX204	387
NSY2SPX205	387
NSY2SPX206	387
NSY1TH	383
NSYADR200	370
NSYADR200D	370
NSYAEBFZ	408
NSYAECPFLA25	422
NSYAECPFLA33	422
NSYAECPFLBP	424
NSYAECPFLT7	424
NSYAECPFLT25	424
NSYAECPFLT35	424
NSYAEDDINS3D	443
NSYAEDH120S3D	450
NSYAEDH180S3D	450
NSYAEDH20TB	450
NSYAEDH40TB	450
NSYAEDHSB	450
NSYAEDL3131AS3D	444
NSYAEDL1242S3D	444
NSYAEDL1332S3D	444
NSYAEDL2124S3D	444
NSYAEDL2131S3D	444
NSYAEDL2132S3D	444
NSYAEDL2133S3D	444
NSYAEDL2241S3D	444
NSYAEDL2331S3D	444
NSYAEDL2432S3D	444
NSYAEDL2433S3D	444
NSYAEDL3113S3D	444
NSYAEDL3123S3D	444
NSYAEDL3132S3D	444
NSYAEDL3432S3D	444
NSYAEDL3524S3D	444
NSYAEDL4322S3D	444
NSYAEDL4324S3D	444
NSYAEDL5124S3D	444
NSYAEDL405S3D	444
NSYAEDL421S3D	444
NSYAEDL455S3D	444
NSYAEDL520S3D	444
NSYAEDL601S3D	444
NSYAEDL610S3D	444
NSYAEDLB3MS3D	443
NSYAEDLB3S3D	443
NSYAEDLB5S3D	443
NSYAEDLEDF13S3D	444
NSYAEDLEDF14S3D	444
NSYAEDLEDF9S3D	444
NSYAEDLMETS3D	443
NSYAEDLPADS3D	444
NSYAEDLPADS3DHD	444
NSYAEDLPADS3DK3	444
NSYAEDLS3DKDB3	444
NSYAEDLS3DRL	443
NSYAEDLS7S3D	443
NSYAEDLS8S3D	443
NSYAEDLSD	449
NSYAEDLT6S3D	443
NSYAEDLT8S3D	443
NSYAEDRS3DPA6	451
NSYAEDRSCST	451
NSYAEDS20TB	461
NSYAEDS40TB	461
NSYAEDS60TB	461
NSYAEDSBSB	461
NSYAEDSTSB	461
NSYAEFAHLBSC	393
NSYAEFP42S3D	398
NSYAEFPF40SC	393
NSYAEFPFS3DW40	393
NSYAEFPFS3DW60	393
NSYAEFPFS3DW80	393
NSYAEFPFS3DW100	393
NSYAEFPFSB	392
NSYAEFPFSBX	392
NSYAEFPFSC	392
NSYAEFPFSC2	392
NSYAEFPFXSC	392
NSYAEFTB	392
NSYAELYTCRG8	394
NSYAELYTCRXG8	394
NSYAELZ	407
NSYAEPZM	405
NSYAEUBU41SC	389
NSYAEUBU61SC	389
NSYAEUBUSC	389
NSYAMCSF	358, 360, 379
NSYAMFSB	344, 359, 461
NSYAMFSTB	344, 359, 371
NSYAMPA1916TB	344
NSYAMPA2419TB	344
NSYAMPA2924TB	344
NSYAMPA3429TB	344
NSYAMPM1916TB	344
NSYAMPM2419TB	344
NSYAMPM2924TB	344
NSYAMPM3429TB	344
NSYAMRD15357SB	359
NSYAMRD20357SB	359
NSYAMRD30357SB	359
NSYAMRD40357SB	359

Accessories

N	Page
NSYAMRD50357SB	359
NSYAMRD60357SB	359
NSYAMRD80357SB	359
NSYAMRD11357TB	359
NSYAMRD16357TB	359
NSYAMRD19357TB	359
NSYAMRD24357TB	359
NSYAMRD29357TB	359
NSYAMRD34357TB	359
NSYAPFWM	402
NSYAPFXWM	403
NSYATM27	462
NSYATP24DTM	379
NSYATP72M	379
NSYATPUND	379
NSYAUPG1G	460
NSYAZ3PLA	407
NSYAZ4PLA	407
NSYB406	370
NSYBANPLA53	384
NSYBANPLA54	384
NSYBANPLA74	384
NSYBANPLA76	384
NSYBCE6	433
NSYBCE8	433
NSYBCE10	433
NSYBCE12	433
NSYBCE16	433
NSYBCME	445
NSYBCPL	445
NSYBE27G	450
NSYBL27	450
NSYBLKHN123	447
NSYBN204	369
NSYBN206	369
NSYBN404	369
NSYBN406	369
NSYBN408	369
NSYBN606	369
NSYBPA7032	460
NSYBPA7035	460
NSYBRF12PLAG	381
NSYBRF17PLAG	381
NSYBRF21PLAG	381
NSYBRF26PLAG	381
NSYBRF8PLAG	381
NSYCAAPVHD	381
NSYCAEFPF	392
NSYCAG35LP	462
NSYCAG12LPH1	462
NSYCAG12LPH2	462
NSYCBCCRN	445
NSYCBCMPLAG	448
NSYCBXHCRN	445
NSYCDB3	442
NSYCDS	437
NSYCEJ	433
NSYCEJDL0	426
NSYCEJDL12	426
NSYCEJDL13	426
NSYCEJDL14	426
NSYCEJDL15	426
NSYCEJDL16	426
NSYCEJDL17	426
NSYCEJDL18	426
NSYCEJDL19	426
NSYCEJDL20	426
NSYCEJDL21	426
NSYCEJDS0	426
NSYCEJDS2	426
NSYCEJDS3	426
NSYCEJDS4	426
NSYCEJDS5	426
NSYCEJDS6	426
NSYCEJDS7	426
NSYCEJDS8	426
NSYCEJDS9	426
NSYCEJDS10	426
NSYCEJDS11	426
NSYCEK	430, 431, 461
NSYCEP	459
NSYCEPLMAG	462
NSYCEPLMBG	462
NSYCEPLMCG	462
NSYCFP60	434
NSYCFP80	434
NSYCFP100	434
NSYCFS96	434
NSYCFS98	434
NSYCFS126	434
NSYCFS128	434
NSYCGSP16	429
NSYCGSP20	429
NSYCGSP25	429
NSYCGSP32	429
NSYCGSP40	429
NSYCGX12	429
NSYCGX16	429
NSYCGX20	429
NSYCGX25	429
NSYCGX32	429
NSYCGX40	429
NSYCGX12H	429
NSYCGX16H	429
NSYCGX20H	429
NSYCGX25H	429
NSYCGX32H	429
NSYCGX40H	429
NSYCL1242ECSX	445
NSYCL220CRN	442
NSYCL405CRN	442
NSYCL405CSX	445
NSYCL610CSX	445
NSYCL27L405	446
NSYCL27M	446
NSYCLL405CRN	442
NSYCN20	369
NSYCN40	369
NSYCN9M625	380, 401
NSYCNM6	361, 386
NSYCNM8	361, 386
NSYCNOH123	453
NSYCNT20	369
NSYCNT40	369
NSYCOCN80	398
NSYCOCNS1400	398
NSYCOCNS1800	398
NSYCPT37	436
NSYCPTS37	436
NSYCRNGSDR	382
NSYCS200PLM	359
NSYCS300PLM	359
NSYCS400PLM	359
NSYCS500PLM	359
NSYCS600PLM	359
NSYCS800PLM	359
NSYCSP	388
NSYCTL500DLAG	375
NSYCTL600DLAG	375
NSYCTL800DLAG	375
NSYCTL500DLP2	463
NSYCTL750DLP2	463
NSYCTL500DLPG	463
NSYCTL750DLPG	463
NSYCW33	455
NSYCW44	455
NSYCW45	455
NSYCW46	455
NSYCW54	455
NSYCW55	455
NSYCW56	455
NSYCW65	455
NSYCW66	455
NSYCW86	455
NSYDBP	442
NSYDCD244	425
NSYDCD248	425
NSYDCD249	425
NSYDCD2412	425
NSYDCM20	451
NSYDHLT8080	383
NSYDLA112G	375
NSYDLA234G	375
NSYDLA24G	375
NSYDLA48G	375
NSYDLA66G	375
NSYDLA84G	375
NSYDLA88G	375
NSYDLA48PG	375
NSYDLCR18	378
NSYDLCR24	378
NSYDLCR36	378
NSYDLCR48	378
NSYDLCR64	378
NSYDLCR88	378
NSYDLCR110	378
NSYDLCR135	378
NSYDLM24	374
NSYDLM48	374
NSYDLM66	374
NSYDLM84	374
NSYDLM88	374
NSYDLM112	374
NSYDLM168	374
NSYDLM240	374
NSYDLM48P	374
NSYDLM84P	374
NSYDLP114G	376, 377
NSYDLP132G	376, 377
NSYDLP133G	376, 377
NSYDLP152G	376, 377
NSYDLP165G	376, 377
NSYDLP171G	376, 377
NSYDLP198G	376, 377
NSYDLP231G	376, 377
NSYDLP264G	376, 377
NSYDLP297G	376, 377
NSYDLP114PG	376, 377
NSYDLP198PG	376, 377
NSYDLP57G	376, 377
NSYDLP76G	376, 377
NSYDLP95G	376, 377
NSYDLP99G	376, 377
NSYDLPLM18G	376
NSYDPA3	452
NSYDPA4	452
NSYDPA5	452
NSYDPA44	452
NSYDPLA3	382
NSYDPLA4	382
NSYDPLA6	382
NSYDPLM200	382
NSYDPLM250	382
NSYDPLM300	382
NSYDPLM350	382
NSYDPR200	370
NSYDPR200D	370
NSYDPR200T	370
NSYE1025	373
NSYE1525	373
NSYE2025	373
NSYEB1510D6	459
NSYEB1516D8	459
NSYEB2025D8	459
NSYEB2050D8	459
NSYEB156D6	459
NSYEBMPLAG	448
NSYEC35	431
NSYEC36	431
NSYEC44	431
NSYEC45	431
NSYEC64	431
NSYEC65	431
NSYEC66	431
NSYEC68	431
NSYEC84	431

Index of References
Accessories

N	Page
NSYEC85	431
NSYEC86	431
NSYEC88	431
NSYEC104	431
NSYEC105	431
NSYEC106	431
NSYEC108	431
NSYEC124	431
NSYEC125	431
NSYEC126	431
NSYEC128	431
NSYEC164	431
NSYEC165	431
NSYEC166	431
NSYEC351	432
NSYEC361	432
NSYEC441	432
NSYEC451	432
NSYEC461	432
NSYEC462	432
NSYEC481	432
NSYEC482	432
NSYEC610	431
NSYEC641	432
NSYEC651	432
NSYEC661	432
NSYEC662	432
NSYEC681	432
NSYEC682	432
NSYEC810	431
NSYEC841	432
NSYEC851	432
NSYEC861	432
NSYEC862	432
NSYEC881	432
NSYEC882	432
NSYEC1041	432
NSYEC1051	432
NSYEC1061	432
NSYEC1062	432
NSYEC1081	432
NSYEC1082	432
NSYEC1241	432
NSYEC1251	432
NSYEC1261	432
NSYEC1262	432
NSYEC1281	432
NSYEC1282	432
NSYEC1641	432
NSYEC1651	432
NSYEC1661	432
NSYEC1662	432
NSYEC6101	432
NSYEC6102	432
NSYEC8101	432
NSYEC8102	432
NSYECB1M153	459
NSYECPC3	427
NSYECPC5	427
NSYECPC6	427
NSYECPC9	427
NSYECPC15	427
NSYECPLAZ103G	433
NSYECPLAZ104G	433
NSYECPLAZ123G	433
NSYECPLAZ124G	433
NSYECPLAZ53G	433
NSYECPLAZ54G	433
NSYECPLAZ73G	433
NSYECPLAZ74G	433
NSYEDCO	385
NSYEDCOC	459
NSYEDCOS	459
NSYEDPLA	382
NSYEL2225D8	459
NSYEL2510D6	459
NSYEL3525D8	459
NSYEL136D6	459
NSYEL166D6	459
NSYEL166D8	459
NSYEL226D6	459
NSYEN20	372
NSYEN40	372
NSYETF	385
NSYEVA20	372
NSYEX106	373
NSYEX146	373
NSYEX158	373
NSYEX166	373
NSYEX206	373
NSYEX208	373
NSYEX306	373
NSYEX308	373
NSYEX406	373
NSYEX408	373
NSYEX506	373
NSYEX508	373
NSYEX608	373, 378
NSYEX1006	373
NSYEX1008	373
NSYFB45	385
NSYFCG60	434
NSYFCG80	434
NSYFCG100	434
NSYFCMX	392
NSYFMPHD	393
NSYFNM6	386
NSYFNM8	386
NSYFXT6040	383
NSYFXT6050	383
NSYFXT6060	383
NSYFXT8040	383
NSYFXT8050	383
NSYFXT8060	383
NSYFXT8080	383
NSYGFR166P	380
NSYGFR95M55	380
NSYGFR95M63	380
NSYGFR95M65	380
NSYHLCR40	366
NSYHLCR50	366
NSYHLCR60	366
NSYHLCR80	366
NSYID166	440
NSYID168	440
NSYID186	440
NSYID188	440
NSYID206	440
NSYID208	440
NSYID1810	440
NSYID2010	440
NSYIN4551	449
NSYIN2131A1	449
NSYIN2132A1	449
NSYIN2433A1	449
NSYIN3113A1	449
NSYIN1242E1	449
NSYIN1242E2	448
NSYIN2452E1	449
NSYIN405E1	449
NSYIN421E1	449
NSYINASSA2	448
NSYINDB31	449
NSYINDB51	449
NSYINDIN2	448
NSYINE11	449
NSYINF1301	449
NSYINICHEL8131	449
NSYINICHEL8371	449
NSYINKBA2	448
NSYINKFAC2	448
NSYINKJIS2	448
NSYINKR2	448
NSYINLCRN	451
NSYINPULS1	453
NSYINS61	449
NSYINS71	449
NSYINS81	449
NSYINT61	449
NSYINT71	449
NSYINT81	449
NSYINT91	449
NSYKPLM	445
NSYLADP	447, 449
NSYLAM1M	456
NSYLAM3M	456
NSYLAM3MDC	456
NSYLAM3MDCUL	456
NSYLAM1MN	456
NSYLAM3MN	456
NSYLAM3MUL	456
NSYLAMACF	457
NSYLAMACM	457
NSYLAMDCF	457
NSYLAMDCM	457
NSYLAMLD	456
NSYLAMLDB	456
NSYLAMLDD	456
NSYLAMLDF	456
NSYLAMLDS	456
NSYLAMLDU	456
NSYLAMLDVDC	456
NSYLAMPORTLD	458
NSYLAMT5LD1	458
NSYLAMT5LD2	458
NSYLAMT5LD1VDC	458
NSYLC7	452
NSYLC8	452
NSYLDB5	442, 452
NSYLT8	452
NSYMB32	348
NSYMB43	348
NSYMB54	348
NSYMB64	348
NSYMB65	348
NSYMB75	348
NSYMB86	348
NSYMB108	348
NSYMB1210	348
NSYMB3025	348
NSYMCSX	449
NSYMD33	379
NSYMD43	379
NSYMD54	379
NSYMD64	379
NSYMD66	379
NSYMD75	379
NSYMD86	379
NSYMD108	379
NSYMD128	379
NSYMDCM20	451
NSYMDT	441
NSYMDVR12	358
NSYMDVR3M	358
NSYMF32	347
NSYMF33	347
NSYMF43	347
NSYMF44	347
NSYMF53	347
NSYMF54	347
NSYMF55	347
NSYMF64	347
NSYMF65	347
NSYMF66	347
NSYMF75	347
NSYMF86	347
NSYMF88	347
NSYMF106	347
NSYMF108	347
NSYMF126	347
NSYMF128	347
NSYMF1010	347
NSYMF1210	347
NSYMFB	361
NSYMFP2M6	441
NSYMFP2M8	441

Accessories

N	Page
NSYMFP5M6	441
NSYMFP5M8	441
NSYMICN6	441, 452
NSYMICN8	441, 452
NSYML23	448
NSYMLCD23	448
NSYMLS6	448
NSYMLT6	448
NSYMM22	345
NSYMM32	345
NSYMM33	345
NSYMM36	345
NSYMM43	345
NSYMM44	345
NSYMM48	345
NSYMM53	345
NSYMM54	345
NSYMM55	345
NSYMM64	345
NSYMM65	345
NSYMM66	345
NSYMM75	345
NSYMM76	345
NSYMM86	345
NSYMM88	345
NSYMM98	345
NSYMM99	345
NSYMM106	345
NSYMM108	345
NSYMM126	345
NSYMM128	345
NSYMM1010	345
NSYMM1210	345
NSYMM1212	345
NSYMM1410	345
NSYMM2520	345
NSYMM2540	345
NSYMM2550	345
NSYMM3025	345
NSYMM3045	345
NSYMM11SB	344
NSYMM12SB	344
NSYMM13SB	344
NSYMM14SB	344
NSYMM22SB	344
NSYMM23SB	344
NSYMM24SB	344
NSYMM25SB	344
NSYMM26SB	344
NSYMM28SB	344
NSYMM33SB	344
NSYMM34SB	344
NSYMM35SB	344
NSYMM36SB	344
NSYMM38SB	344
NSYMM44SB	344
NSYMM45SB	344
NSYMM46SB	344
NSYMM48SB	344

N	Page
NSYMP126	350
NSYMP128	350
NSYMP146	350
NSYMP148	350
NSYMP166	350
NSYMP168	350
NSYMP184	350
NSYMP186	350
NSYMP188	350
NSYMP204	350
NSYMP206	350
NSYMP208	350
NSYMP224	350
NSYMP226	350
NSYMP228	350
NSYMP1210	350
NSYMP1212	350
NSYMP1410	350
NSYMP1412	350
NSYMP1610	350
NSYMP1612	350
NSYMP1810	350
NSYMP1812	350
NSYMP1816	350
NSYMP2010	350
NSYMP2012	350
NSYMP2016	350
NSYMP2210	350
NSYMP2212	350
NSYMP2010L	351
NSYMP188L	351
NSYMP208L	351
NSYMPBSD	398
NSYMPD106T	441
NSYMPD108T	441
NSYMPD12M6	441
NSYMPD12M8	441
NSYMPD16M6	441
NSYMPD16M8	441
NSYMPD18M6	441
NSYMPD18M8	441
NSYMPD20M6	441
NSYMPD20M8	441
NSYMPD24M6	441
NSYMPD24M8	441
NSYMPD46T	441
NSYMPD48T	441
NSYMPD66T	441
NSYMPD68T	441
NSYMPD86T	441
NSYMPD88T	441
NSYMPD3M6	441
NSYMPD3M8	441
NSYMPD4M6	441
NSYMPD4M8	441
NSYMPD5M6	441
NSYMPD5M8	441
NSYMPD6M6	441
NSYMPD6M8	441

N	Page
NSYMPD8M6	441
NSYMPD8M8	441
NSYMPD9M6	441
NSYMPD9M8	441
NSYMPP32	349
NSYMPP43	349
NSYMPP54	349
NSYMPP64	349
NSYMPP75	349
NSYMPP86	349
NSYMPP108	349
NSYMPRK8	352
NSYMPRK10	352
NSYMPRK12	352
NSYMPRK16	352
NSYMR32	346
NSYMR33	346
NSYMR34	346
NSYMR43	346
NSYMR44	346
NSYMR46	346
NSYMR53	346
NSYMR54	346
NSYMR55	346
NSYMR64	346
NSYMR65	346
NSYMR66	346
NSYMR68	346
NSYMR75	346
NSYMR76	346
NSYMR86	346
NSYMR88	346
NSYMR106	346
NSYMR108	346
NSYMR126	346
NSYMR128	346
NSYMR810	346
NSYMR1010	346
NSYMR1012	346
NSYMR1210	346
NSYMR1410	346
NSYMR3025	346
NSYMUPLA103G	390
NSYMUPLA104G	390
NSYMUPLA123G	390
NSYMUPLA124G	390
NSYMUPLA153G	390
NSYMUPLA154G	390
NSYMUPLA204G	390
NSYMUPLA103W	391
NSYMUPLA104W	391
NSYMUPLA123W	391
NSYMUPLA124W	391
NSYMUPLA153W	391
NSYMUPLA154W	391
NSYMUPLA53G	390
NSYMUPLA54G	390
NSYMUPLA73G	390
NSYMUPLA74G	390

N	Page
NSYMW10M	454
NSYMW10MK	454
NSYMW10MR	455
NSYNM4	358
NSYNM5	358
NSYNM6	358
NSYPA3025PLMG	439
NSYPAP108G	439
NSYPAP43G	439
NSYPAP54G	439
NSYPAP64G	439
NSYPAP75G	439
NSYPAP86G	439
NSYPAPLA105G	439
NSYPAPLA107G	439
NSYPAPLA125G	439
NSYPAPLA127G	439
NSYPAPLA155G	439
NSYPAPLA157G	439
NSYPAPLA55G	439
NSYPAPLA57G	439
NSYPAPLA75G	439
NSYPAPLA77G	439
NSYPCVR124HD	463
NSYPCVR126HD	463
NSYPCVR54HD	463
NSYPCVR74HD	463
NSYPCVR76HD	463
NSYPF27N	392
NSYPF27X	392
NSYPFC2X	392
NSYPFCR	392
NSYPFCX	392
NSYPFPLM32G	393
NSYPFPLMG	393
NSYPFXPLM	393
NSYPHX200	409
NSYPIN43	438
NSYPIN54	438
NSYPIN64	438
NSYPIN75	438
NSYPIN86	438
NSYPIN106	438
NSYPIN108	438
NSYPIN126	438
NSYPIN128	438
NSYPLHD	394
NSYPLM3025G	439
NSYPLM108G	405, 462
NSYPLM32BG	462
NSYPLM32G	462
NSYPLM54G	405
NSYPLM64G	405
NSYPLM75G	405
NSYPLM86G	405
NSYPLM32PG	462
NSYPLM32TG	462
NSYPLM54TG	405
NSYPLM64TG	405

Index of References
Accessories

N	Page
NSYPMA55	349
NSYPMA75	349
NSYPMA77	349
NSYPMA105	349
NSYPMA107	349
NSYPMA127	349
NSYPMB55	348
NSYPMB75	348
NSYPMB77	348
NSYPMB105	348
NSYPMB107	348
NSYPMB125	348
NSYPMB127	348
NSYPMB155	348
NSYPMB157	348
NSYPMB510	348
NSYPMB710	348
NSYPMB712	348
NSYPMB1010	348
NSYPMB1012	348
NSYPMB1210	348
NSYPMB1212	348
NSYPMB1510	348
NSYPMB1512	348
NSYPMM55	354
NSYPMM75	354
NSYPMM77	354
NSYPMM105	354
NSYPMM107	354
NSYPMM125	354
NSYPMM127	354
NSYPMM155	354
NSYPMM157	354
NSYPMM207	354
NSYPMM510	354
NSYPMM710	354
NSYPMM712	354
NSYPMM1010	354
NSYPMM1012	354
NSYPMM1210	354
NSYPMM1212	354
NSYPMM1510	354
NSYPMM1512	354
NSYPMP5002DLP	354
NSYPMP7502DLP	354
NSYPMP500DLP	354
NSYPMP750DLP	354
NSYPMR55	355
NSYPMR57	355
NSYPMR75	355
NSYPMR77	355
NSYPMR105	355
NSYPMR107	355
NSYPMR125	355
NSYPMR127	355
NSYPMR155	355
NSYPMR157	355
NSYPPS184	387
NSYPPS185	387

N	Page
NSYPPS186	387
NSYPPS204	387
NSYPPS205	387
NSYPPS206	387
NSYPPS208	387
NSYPPSB	461
NSYPS2C27	391
NSYPS4C27	391
NSYPTZ3	463
NSYPTZ4	381, 463
NSYPTZ6	463
NSYPTZ32P	463
NSYPTZ42P	463
NSYPTZ62P	463
NSYPUNX	394
NSYRE26	461
NSYRE60	461
NSYRETPLA	451
NSYRETPLAU	376, 382, 439, 451
NSYS13M5HS	386
NSYS16M5HS	386
NSYS16M6HS	386
NSYSBPLA	384, 463
NSYSBTB	353
NSYSC630	395
NSYSC640	395
NSYSC660	395
NSYSC830	395
NSYSC840	395
NSYSC850	395
NSYSC860	395
NSYSC1030	395
NSYSC1040	395
NSYSC1050	395
NSYSC1060	395
NSYSC1230	395
NSYSC1240	395
NSYSC1250	395
NSYSC1260	395
NSYSC1640	395
NSYSC1650	395
NSYSCCDINLG75	435
NSYSCCDINLG140	435
NSYSCMX8040	396
NSYSCMX8050	396
NSYSCMX10030	396
NSYSCMX10040	396
NSYSCMX12040	396
NSYSCMX16040	396
NSYSCMX16060	396
NSYSCX6040	396
NSYSCX8040	396
NSYSCX8060	396
NSYSCX10060	396
NSYSCX12040	396
NSYSCX12050	396
NSYSCX12060	396
NSYSCX16040	396
NSYSCX16060	396

N	Page
NSYSDCR4	453
NSYSDCR5	453
NSYSDCR6	453
NSYSDCR8	453
NSYSDCR10	453
NSYSDCR200	382
NSYSDCR250	382
NSYSDCR300	382
NSYSDCR400	382
NSYSDGCR5	435
NSYSDGCR6	435
NSYSDGCR8	435
NSYSDP6M	452
NSYSDP8M	452
NSYSDR200	369
NSYSDR100A	369
NSYSDR200B	369
NSYSDR200BD	369
NSYSDR200D	369
NSYSDR50A	369
NSYSDR60A	369
NSYSDR80A	369
NSYSDR30B	369
NSYSDR40B	369
NSYSDRC	453
NSYSDT5	452
NSYSDT6	452
NSYSDT8	452
NSYSFBK	390
NSYSFBK19	390
NSYSFBKE	391
NSYSFBKF	391
NSYSFBKR	391
NSYSFEB	394
NSYSFELB	394
NSYSFHD2	447
NSYSFHD3	447
NSYSFLOCK24	443
NSYSFLOCKT7	443
NSYSFLOCKT8	443
NSYSFMDR	453
NSYSFND126	440
NSYSFND128	440
NSYSFND146	440
NSYSFND148	440
NSYSFND166	440
NSYSFND168	440
NSYSFND184	440
NSYSFND185	440
NSYSFND186	440
NSYSFND188	440
NSYSFND204	440
NSYSFND205	440
NSYSFND206	440
NSYSFND208	440
NSYSFND224	440
NSYSFND225	440
NSYSFND226	440
NSYSFND228	440

N	Page
NSYSFNDR	453
NSYSFNHS1	447
NSYSFNPB	353
NSYSFP300	399
NSYSFP400	399
NSYSFP500	399
NSYSFP600	399
NSYSFPSC30	399
NSYSFPSC40	399
NSYSFPSC50	399
NSYSFPSC60	399
NSYSFPSC80	399
NSYSFSPLMG	405
NSYSFTB16	394
NSYSFTB18	394
NSYSFTB24	394
NSYSFTB32	394
NSYSFWFIX	398
NSYSFXJG	390
NSYSGF	401, 408
NSYSH180NC	450
NSYSIBTB	353
NSYSICR4040	365
NSYSICR4050	365
NSYSICR4060	365
NSYSICR4080	365
NSYSICR6560	365
NSYSICR6580	365
NSYSICR9040	365
NSYSICR9060	365
NSYSICR9080	365
NSYSICR65100	365
NSYSICR90100	365
NSYSIMP12	357
NSYSIMP14	357
NSYSIMP16	357
NSYSIMP18	357
NSYSIMP20	357
NSYSIMP22	357
NSYSLCR40	365
NSYSLCR50	365
NSYSLCR60	365
NSYSLCR80	365
NSYSMBCE6	433
NSYSMBCE8	433
NSYSMBCE10	433
NSYSMBK	390
NSYSMDR	453
NSYSMEB	394
NSYSMEC63	430
NSYSMEC64	430
NSYSMEC65	430
NSYSMEC83	430
NSYSMEC84	430
NSYSMEC85	430
NSYSMEC86	430
NSYSMEC104	430
NSYSMHR6	368
NSYSMHR8	368

Accessories

N	Page
NSYSMHR10	368
NSYSMHR12	368
NSYSMHR16	368
NSYSMNDR	453
NSYSMP2D4	367
NSYSMP2D5	367
NSYSMP2D6	367
NSYSMP2D8	367
NSYSMPB	350, 353
NSYSMPFA	352
NSYSMPFB	352
NSYSMPS	350
NSYSMPS4	352
NSYSMPS5	352
NSYSMPS6	352
NSYSMPS8	352
NSYSMPSB	350, 353
NSYSMPSE6	367
NSYSMPSE8	367
NSYSMPSE10	367
NSYSMPSE12	367
NSYSMVR12	368
NSYSMVR14	368
NSYSMVR16	368
NSYSMVR18	368
NSYSMVR20	368
NSYSMWFIX	398
NSYSMXEB	394
NSYSNLPLA	451
NSYSNM6	361, 386
NSYSNM8	361, 386
NSYSNSM6	386
NSYSNSM8	386
NSYSPB6100	404
NSYSPB8100	404
NSYSPC	437
NSYSPCP	437
NSYSPCR	408
NSYSPF3100	402
NSYSPF3200	402
NSYSPF4100	402
NSYSPF4200	402
NSYSPF6100	402
NSYSPF6200	402
NSYSPF8100	402
NSYSPF8200	402
NSYSPF10100	402
NSYSPF10200	402
NSYSPF12100	402
NSYSPF12200	402
NSYSPF16100	402
NSYSPF16200	402
NSYSPFV6100	404
NSYSPFV8100	404
NSYSPFVX6200	404
NSYSPFVX8200	404
NSYSPFVX12200	404
NSYSPFX6100	403
NSYSPFX6200	403
NSYSPFX8100	403
NSYSPFX8200	403
NSYSPFX10100	403
NSYSPFX10200	403
NSYSPFX12100	403
NSYSPFX12200	403
NSYSPFX16100	403
NSYSPFX16200	403
NSYSPFX10100H	403
NSYSPFX10200H	403
NSYSPFX12100H	403
NSYSPFX12200H	403
NSYSPFX16100H	403
NSYSPFX16200H	403
NSYSPFX6100H	403
NSYSPFX6200H	403
NSYSPFX8100H	403
NSYSPFX8200H	403
NSYSPLA75	381, 384
NSYSPLA100	381, 384
NSYSPLA125	381, 384
NSYSPLA150	381, 384
NSYSPLK	408
NSYSPLVX4200SF	404
NSYSPLVX6200SF	404
NSYSPM6	401, 461
NSYSPMP2560	357
NSYSPMP2580	357
NSYSPMP4060	357
NSYSPMP4080	357
NSYSPMP6060	357
NSYSPMP6080	357
NSYSPMP25100	357
NSYSPMP25120	357
NSYSPMP40100	357
NSYSPMP40120	357
NSYSPMP60120	357
NSYSPRJ	409
NSYSPS3100	402
NSYSPS3200	402
NSYSPS4100	402
NSYSPS4200	402
NSYSPS5100	402
NSYSPS5200	402
NSYSPS6100	402
NSYSPS6200	402
NSYSPS8100	402
NSYSPS8200	402
NSYSPS10100	402
NSYSPS3100SD	402
NSYSPS3200SD	402
NSYSPS4100SD	402
NSYSPS4200SD	402
NSYSPS5100SD	402
NSYSPS5200SD	402
NSYSPS6100SD	402
NSYSPS6200SD	402
NSYSPSJ	409
NSYSPSX3100	403
NSYSPSX3200	403
NSYSPSX4100	403
NSYSPSX4200	403
NSYSPSX5100	403
NSYSPSX5200	403
NSYSPSX6100	403
NSYSPSX6200	403
NSYSPSX3100H	403
NSYSPSX3200H	403
NSYSPSX4100H	403
NSYSPSX4200H	403
NSYSPSX5100H	403
NSYSPSX5200H	403
NSYSPSX6100H	403
NSYSPSX6200H	403
NSYSPSX4100SF	403
NSYSPSX4200SF	403
NSYSPSX5100SF	403
NSYSPSX5200SF	403
NSYSPSX6100SF	403
NSYSPSX6200SF	403
NSYSPV6100	404
NSYSPV8100	404
NSYSQCR4040	364
NSYSQCR4050	364
NSYSQCR4060	364
NSYSQCR4080	364
NSYSQCR6540	364
NSYSQCR6550	364
NSYSQCR6560	364
NSYSQCR6580	364
NSYSQCR9040	364
NSYSQCR9050	364
NSYSQCR9060	364
NSYSQCR9080	364
NSYSQCR12040	364
NSYSQCR12050	364
NSYSQCR12060	364
NSYSQCR12080	364
NSYSQCR40100	364
NSYSQCR40120	364
NSYSQCR65100	364
NSYSQCR65120	364
NSYSQCR90100	364
NSYSQCR90120	364
NSYST30M6S	363-365
NSYSTBR3	367
NSYSTBR4	367
NSYSTBR5	367
NSYSTBR6	367
NSYSTDCSX	445
NSYSTDCX2H	445
NSYSTDCXH	445
NSYSTDNCSX	445
NSYSTMP2260	356
NSYSTMP2280	356
NSYSTMP4560	356
NSYSTMP4580	356
NSYSTMP6060	356
NSYSTMP6080	356
NSYSTMP8260	356
NSYSTMP8280	356
NSYSTMP22100	356
NSYSTMP22120	356
NSYSTMP45100	356
NSYSTMP45120	356
NSYSTMP60100	356
NSYSTMP60120	356
NSYSTMP82100	356
NSYSTMP82120	356
NSYSTW	409
NSYSUCR4030	363
NSYSUCR4040	363
NSYSUCR4050	363
NSYSUCR4060	363
NSYSUCR4070	363
NSYSUCR4080	363
NSYSUCR4090	363
NSYSUCR6530	363
NSYSUCR6540	363
NSYSUCR6550	363
NSYSUCR6560	363
NSYSUCR6580	363
NSYSUCR9030	363
NSYSUCR9040	363
NSYSUCR9050	363
NSYSUCR9060	363
NSYSUCR9070	363
NSYSUCR9080	363
NSYSUCR40100	363
NSYSUCR40110	363
NSYSUCR40120	363
NSYSUCR40140	363
NSYSUCR40160	363
NSYSUCR40180	363
NSYSUCR40200	363
NSYSUCR40220	363
NSYSUCR65100	363
NSYSUCR65120	363
NSYSUCR65140	363
NSYSUCR65160	363
NSYSUCR65180	363
NSYSUCR65200	363
NSYSUCR90100	363
NSYSUCR90120	363
NSYSUCR90140	363
NSYSUCR90160	363
NSYSUCR90180	363
NSYSUCR90200	363
NSYSUCR90220	363
NSYSUCR200WM	358
NSYSUCR250WM	358
NSYSUCR300WM	358
NSYSUCR400WM	358
NSYSUPLA3G	390
NSYSUPLA4G	390
NSYSUPLA3TG	390
NSYSUPLA4TG	390

Index of References
Accessories

N	Page
NSYSW	409
NSYTC12100	436
NSYTC6CRN	449
NSYTC7CRN	449
NSYTC8CRN	449
NSYTC6CSX	445
NSYTC7CSX	445
NSYTCD274	454
NSYTCD276	454
NSYTCD278	454
NSYTCL405ME	449
NSYTCM274	454
NSYTCSM6PLM	359, 371
NSYTCSPLM	359, 371
NSYTDB5ME	449
NSYTDB5PL	446
NSYTDBCRN	442, 449
NSYTEDB5ML	447
NSYTEDB5PL	446
NSYTEL1242EPL	446
NSYTEL405ML	447
NSYTEL405PL	446
NSYTELJISPL	446
NSYTEMPL	446
NSYTERML	447
NSYTET8PL	446
NSYTEX5	462
NSYTEX6	462
NSYTEX8	346, 348, 354, 355, 462
NSYTEX8PLM	462
NSYTFPCRN4	435
NSYTFPCRN5	435
NSYTFPCRN6	435
NSYTFPCRN8	435
NSYTFPCRN10	435
NSYTHL2433APLM	446
NSYTHL3113APLM	446
NSYTHL1242EPLM	446
NSYTHL405PLM	446
NSYTHL421PLM	446
NSYTHL455PLM	446
NSYTHPLM	446
NSYTJ2015	395
NSYTJ3015	395
NSYTJ3020	395
NSYTJ4015	395
NSYTJ4020	395
NSYTJ4025	395
NSYTJ5020	395
NSYTJ5025	395
NSYTJ6020	395
NSYTJ6025	395
NSYTJ6030	395
NSYTJ6040	395
NSYTJ8025	395
NSYTJ8030	395
NSYTJ8040	395
NSYTJ10030	395
NSYTJ10040	395
NSYTJ12030	395
NSYTJ12040	395
NSYTJIS	442
NSYTJPLA103G	397
NSYTJPLA104G	397
NSYTJPLA123G	397
NSYTJPLA124G	397
NSYTJPLA126G	397
NSYTJPLA53G	397
NSYTJPLA54G	397
NSYTJPLA73G	397
NSYTJPLA74G	397
NSYTJPLA76G	397
NSYTL27270G	388
NSYTL27360G	388
NSYTL1242EME	443, 449
NSYTL220PLM	446
NSYTL405PLM	446
NSYTL405SML	442
NSYTLA	414
NSYTLB	414
NSYTLBU	415
NSYTLC	414
NSYTLCFL	416
NSYTLCME	422
NSYTLCRNA	414
NSYTLCRNB	414
NSYTLCRNC	414
NSYTLCRND	414
NSYTLCRNO	414
NSYTLD	414
NSYTLDFL	416
NSYTLDME	422
NSYTLE	414
NSYTLEFL	416
NSYTLEME	422
NSYTLF	414
NSYTLF2FL	416
NSYTLFFL	416
NSYTLFME	422
NSYTLFU	415
NSYTLG	414
NSYTLG2FL	416
NSYTLGFL	416
NSYTLGME	422
NSYTLGU	415
NSYTMME	449
NSYTSA2414SE	423
NSYTSA2417SE	423
NSYTSA2422SE	423
NSYTSA2423SE	423
NSYTSA2429SE	423
NSYTSACRNB	415
NSYTSACRNC	415
NSYTSACRND	415
NSYTSAKFL	419, 424
NSYTSAM508SE	423
NSYTSAM638SE	423
NSYTSML	442
NSYTSPLA	453
NSYTT6CRN	449
NSYTT8CRN	449
NSYTT8CSX	445
NSYTTG40	383
NSYTTG50	383
NSYTTG60	383
NSYTUP7035	460
NSYTVR7	361
NSYTVR8	361
NSYTVR10	361
NSYTVR12	361
NSYTVR14	361
NSYTVR15	361
NSYTVR16	361
NSYTVR18	361
NSYTVR20	361
NSYTVR22	361
NSYTVR125	361
NSYTX2015	396
NSYTX2515	396
NSYTX3015	396
NSYTX3020	396
NSYTX4020	396
NSYTX5025	396
NSYTX6020	396
NSYTX6025	396
NSYTX8030	396
NSYTX10030	396
NSYTX12030	396
NSYUCC270	388
NSYUCC360	388
NSYUM27180	389
NSYUM27270	389
NSYUM27360	389
NSYUVPLA	391
NSYVA2710M	454
NSYVA2712M	454
NSYVA2716M	454
NSYVA2724M	454
NSYVA2710MA	454
NSYVA2712MA	454
NSYVA272M	454
NSYVA274M	454
NSYVA276M	454
NSYVA278M	454
NSYVA272MA	454
NSYVA274MA	454
NSYVA276MA	454
NSYVA278MA	454
NSYVDM20U8P	380
NSYVDM25U8P	380
NSYVDM12UF	380
NSYVDM17UF	380
NSYVDM21UF	380
NSYVDM11UP	380
NSYVDM16UP	380
NSYVDM20UP	380
NSYVDM8UF	380
NSYVEA9	462
NSYVR18	361
NSYVR20	361
NSYVR22	361
NSYZA2103G	406
NSYZA2104G	406
NSYZA2123G	406
NSYZA2124G	406
NSYZA2126G	406
NSYZA253G	406
NSYZA254G	406
NSYZA273G	406
NSYZA274G	406
NSYZA276G	406
NSYZHPLA103G	407
NSYZHPLA104G	407
NSYZHPLA123G	407
NSYZHPLA124G	407
NSYZHPLA53G	407
NSYZHPLA54G	407
NSYZHPLA73G	407
NSYZHPLA74G	407
NSYZM253G	405
NSYZM263G	405
NSYZM283G	405
NSYZNPLA103G	406
NSYZNPLA104G	406
NSYZNPLA123G	406
NSYZNPLA124G	406
NSYZNPLA53G	406
NSYZNPLA54G	406
NSYZNPLA73G	406
NSYZNPLA74G	406
NSYZZ2103G	406
NSYZZ2104G	406
NSYZZ2123G	406
NSYZZ2124G	406
NSYZZ2126G	406
NSYZZ5103G	406
NSYZZ5104G	406
NSYZZ5123G	406
NSYZZ5124G	406
NSYZZ253G	406
NSYZZ254G	406
NSYZZ273G	406
NSYZZ274G	406
NSYZZ276G	406
NSYZZ553G	406
NSYZZ554G	406
NSYZZ573G	406
NSYZZ574G	406

Spare Parts

N	Page
NSYADG20M	468
NSYADG2M	468
NSYADG3M	468
NSYADG5M	468
NSYAEDH120S3D	466, 468
NSYAEDH180S3D	466, 468
NSYAEDH120S3HD	475
NSYAEDHPLM	472
NSYAEDHPLM32	472
NSYAEDHPLM108	472
NSYAEDHPLM3025	472
NSYAEDL3131AS3D	466
NSYAEDLS3DKDB3	466, 467, 474
NSYAEDLS3DRLN	466
NSYAEDLS3HDRL	475
NSYAEDLS3HFDB3	473
NSYAEDPHD	474
NSYAEDPLA001	472
NSYAEDPLA004	472
NSYAEDPLA005	472
NSYAEDPLA002G	472
NSYAEDPLA003G	472
NSYAEDPLM108	472
NSYASPLA001	472
NSYASPLA002	472
NSYASPLA003	472
NSYASPLM	472
NSYBICRN	468, 473
NSYBP207	469
NSYBPHD126	475
NSYBPHD128	475
NSYBPHD166	475
NSYBPHD168	475
NSYBPHD208	475
NSYBPHD1612	475
NSYBPHD12122D	475
NSYBPN207	469
NSYBTACRNG80	468
NSYBTACRNG100	468
NSYBTACRNG120	468
NSYBTACRNG140	468, 473
NSYBTAS3D60	466, 467, 474
NSYBTAS3D65	466
NSYBTAS3D70	466, 467, 474
NSYBTAS3D80	466, 467, 474
NSYBTAS3D90	466
NSYBTAS3D100	466, 467, 474
NSYBTAS3D120	466
NSYBTAS3D140	466
NSYCCSDF8	473
NSYCCSDF10	473
NSYCCSDF12	473
NSYCCSDF16	473
NSYCDBPLM	472
NSYCRNCGPSTDSB	468
NSYCSSF	469
NSYCSSFHD	475
NSYCU8002P4DG	476
NSYCU8002P4RDG	476

N	Page
NSYCU350DG	476
NSYCU600DG	476
NSYCU800DG	476
NSYCU600RDG	476
NSYCU800RDG	476
NSYCU1K22P4DG	476
NSYCU1K62P4DG	476
NSYCU3K23P4DG	476
NSYCU1K22P4RDG	476
NSYCU1K52P4RDG	476
NSYCU1K2DG	476
NSYCU1K6DG	476
NSYCU3K2DG	476
NSYCU1K2P4DG	476
NSYCU2K3P4DG	476
NSYCU4K3P4DG	476
NSYCU2K3P4RDG	476
NSYCU3K3P4RDG	476
NSYCU4K3P4RDG	476
NSYCU1K2RDG	476
NSYCU1K5RDG	476
NSYCU1KDG	476
NSYCU2KDG	476
NSYCU2KRDG	476
NSYCUHD350DG	476
NSYCUHD600DG	476
NSYCUHD800DG	476
NSYCUHD1K62P4DG	476
NSYCUHD1K6DG	476
NSYCUHD1K2P4DG	476
NSYCUHD2K3P4DG	476
NSYCUHD1KDG	476
NSYCUSP001DG	476
NSYCUSP002DG	476
NSYCUSP003DG	476
NSYCUSP004DG	476
NSYCUSP005DG	476
NSYCUSP006DG	476
NSYCUSP007DG	476
NSYCUSP008DG	476
NSYCUSP009DG	476
NSYCUSP010DG	476
NSYCUX350DG	476
NSYCUX600DG	476
NSYCUX1K6DG	476
NSYCUX1K2P4DG	476
NSYCUX2K3P4DG	476
NSYCUX1KDG	476
NSYDCRN22	468, 473
NSYDCRN23	468, 473
NSYDCRN33	468, 473
NSYDCRN34	468, 473
NSYDCRN43	468, 473
NSYDCRN44	468, 473
NSYDCRN46	468, 473
NSYDCRN54	468
NSYDCRN55	468, 473
NSYDCRN64	468
NSYDCRN65	468

N	Page
NSYDCRN66	468, 473
NSYDCRN68	468, 473
NSYDCRN75	468
NSYDCRN86	468, 473
NSYDCRN88	468
NSYDCRN106	468
NSYDCRN108	468
NSYDCRN126	468
NSYDCRN128	468
NSYDCRN2520	468, 473
NSYDCRN3025	468, 473
NSYDCRN3045	468, 473
NSYDCRN105L	468
NSYDCRN106L	468
NSYDCRN125L	468
NSYDCRN126L	468
NSYDCRN145L	468
NSYDCRN105R	468
NSYDCRN106R	468
NSYDCRN125R	468
NSYDCRN126R	468
NSYDCRN145R	468
NSYDCRN85L	468
NSYDCRN86L	468
NSYDCRN85R	468
NSYDCRN86R	468
NSYDCRNG86	468
NSYDCRNG106	468
NSYDCRNG108	468
NSYDCRNG126	468
NSYDCRNG128	468
NSYDCRNG105L	468
NSYDCRNG106L	468
NSYDCRNG125L	468
NSYDCRNG126L	468
NSYDCRNG145L	468
NSYDCRNG105R	468
NSYDCRNG106R	468
NSYDCRNG125R	468
NSYDCRNG126R	468
NSYDCRNG145R	468
NSYDCRNG85L	468
NSYDCRNG86L	468
NSYDCRNG85R	468
NSYDCRNG86R	468
NSYDHSF	469, 470
NSYDHSM2D	470
NSYDLLSDF	473
NSYDLSD6	473
NSYDLSD8	473
NSYDLSD10	473
NSYDLSD12	473
NSYDLSDF8	473
NSYDLSDF10	473
NSYDLSDF12	473
NSYDLSDF16	473
NSYDNS3D105L	466
NSYDNS3D106L	466
NSYDNS3D125L	466

N	Page
NSYDNS3D126L	466
NSYDNS3D145L	466
NSYDNS3D105R	466
NSYDNS3D106R	466
NSYDNS3D125R	466
NSYDNS3D126R	466
NSYDNS3D145R	466
NSYDNS3D85L	466
NSYDNS3D86L	466
NSYDNS3D85R	466
NSYDNS3D86R	466
NSYDPHD125LP	474
NSYDPHD155LP	474
NSYDPHD125LR	474
NSYDPHD155LR	474
NSYDPHD105P	474
NSYDPHD107P	474
NSYDPHD125P	474
NSYDPHD127P	474
NSYDPHD157P	474
NSYDPHD105R	474
NSYDPHD107R	474
NSYDPHD125R	474
NSYDPHD127R	474
NSYDPHD157R	474
NSYDPHD55P	474
NSYDPHD75P	474
NSYDPHD77P	474
NSYDPHD55R	474
NSYDPHD75R	474
NSYDPHD77R	474
NSYDPLA105G	472
NSYDPLA107G	472
NSYDPLA125G	472
NSYDPLA127G	472
NSYDPLA155G	472
NSYDPLA157G	472
NSYDPLA105HG	472
NSYDPLA107HG	472
NSYDPLA125HG	472
NSYDPLA127HG	472
NSYDPLA155HG	472
NSYDPLA157HG	472
NSYDPLA55G	472
NSYDPLA57G	472
NSYDPLA75G	472
NSYDPLA77G	472
NSYDPLA55HG	472
NSYDPLA57HG	472
NSYDPLA75HG	472
NSYDPLA77HG	472
NSYDPLM3025G	472
NSYDPLM3025TG	472
NSYDPLM108G	472
NSYDPLM108TG	472
NSYDPLM32G	472
NSYDPLM43G	472
NSYDPLM54G	472
NSYDPLM64G	472

Index of References
Spare Parts

N	Page
NSYDPLM75G	472
NSYDPLM86G	472
NSYDPLM43TG	472
NSYDPLM54TG	472
NSYDPLM64TG	472
NSYDPLM75TG	472
NSYDPLM86TG	472
NSYDS3D32	466, 474
NSYDS3D33	466, 474
NSYDS3D34	466
NSYDS3D43	466, 474
NSYDS3D44	466, 474
NSYDS3D46	466
NSYDS3D53	466
NSYDS3D54	466, 474
NSYDS3D55	466
NSYDS3D64	466, 474
NSYDS3D65	466
NSYDS3D66	466, 474
NSYDS3D68	466
NSYDS3D75	466, 474
NSYDS3D86	466, 474
NSYDS3D88	466
NSYDS3D106	466
NSYDS3D108	466, 474
NSYDS3D126	466
NSYDS3D128	466
NSYDS3D325	466
NSYDS3D810	466
NSYDS3D1010	466
NSYDS3D1210	466
NSYDS3D105L	466
NSYDS3D106L	466
NSYDS3D125L	466
NSYDS3D126L	466
NSYDS3D145L	466
NSYDS3D105R	466
NSYDS3D106R	466
NSYDS3D125R	466
NSYDS3D126R	466
NSYDS3D145R	466
NSYDS3D85L	466
NSYDS3D86L	466
NSYDS3D85R	466
NSYDS3D86R	466
NSYDS3HD32	475
NSYDS3HD43	475
NSYDS3HD54	475
NSYDS3HD64	475
NSYDS3HD66	475
NSYDS3HD75	475
NSYDS3HD86	475
NSYDS3HD88	475
NSYDS3HD106	475
NSYDS3HD108	475
NSYDS3X32	471
NSYDS3X33	471
NSYDS3X43	471
NSYDS3X44	471
NSYDS3X46	471
NSYDS3X54	471
NSYDS3X64	471
NSYDS3X66	471
NSYDS3X75	471
NSYDS3X86	471
NSYDS3X88	471
NSYDS3X108	471
NSYDS3X128	471
NSYDS3X325	471
NSYDS3X1010L	471
NSYDS3X1210L	471
NSYDS3X1010LH	471
NSYDS3X1210LH	471
NSYDS3X1010R	471
NSYDS3X1210R	471
NSYDS3X1010RH	471
NSYDS3X1210RH	471
NSYDS3X108H	471
NSYDS3X128H	471
NSYDS3X325H	471
NSYDS3X108T	471
NSYDS3X32H	471
NSYDS3X33H	471
NSYDS3X43H	471
NSYDS3X44H	471
NSYDS3X46H	471
NSYDS3X54H	471
NSYDS3X64H	471
NSYDS3X66H	471
NSYDS3X75H	471
NSYDS3X86H	471
NSYDS3X88H	471
NSYDS3X43T	471
NSYDS3X54T	471
NSYDS3X64T	471
NSYDS3X75T	471
NSYDS3X86T	471
NSYDSFX168	471
NSYDSFX186	471
NSYDSFX188	471
NSYDSFX206	471
NSYDSFX208	471
NSYDSFX1410L	471
NSYDSFX1812L	471
NSYDSFX1816L	471
NSYDSFX2010L	471
NSYDSFX2012L	471
NSYDSFX2016L	471
NSYDSFX1812LH	471
NSYDSFX1816LH	471
NSYDSFX2010LH	471
NSYDSFX2012LH	471
NSYDSFX2016LH	471
NSYDSFX1410R	471
NSYDSFX1812R	471
NSYDSFX1816R	471
NSYDSFX2010R	471
NSYDSFX2012R	471
NSYDSFX2016R	471
NSYDSFX1812RH	471
NSYDSFX1816RH	471
NSYDSFX2010RH	471
NSYDSFX2012RH	471
NSYDSFX2016RH	471
NSYDSFX188H	471
NSYFDLSD	473
NSYGDD	466
NSYHS3X	471
NSYHSD	473
NSYHSDF	473
NSYHSMX	471
NSYLCK12SF	469, 470
NSYLCK14SF	469, 470
NSYLCK16SF	469, 470
NSYLCK18SF	469, 470
NSYLCK20SF	469, 470
NSYLCK22SF	469, 470
NSYLCKWSF	469, 470
NSYLSS3X10	471
NSYLSS3X12	471
NSYLSSDX	473
NSYLSSFX14	471
NSYLSSFX16	471
NSYLSSFX18	471
NSYLSSFX20	471
NSYPC100	469, 470
NSYPC200	469, 470
NSYPPC54HD	474
NSYPPC56HD	474
NSYPPC74HD	474
NSYPPC76HD	474
NSYPPCPHDSN	474
NSYRSF104L	469, 470
NSYRSF105L	469, 470
NSYRSF106L	469, 470
NSYRSF108L	469, 470
NSYRSF124L	469, 470
NSYRSF125L	469, 470
NSYRSF126L	469, 470
NSYRSF128L	470
NSYRSF164L	470
NSYRSF165L	470
NSYRSF166L	470
NSYRSF35L	470
NSYRSF36L	470
NSYRSF38L	470
NSYRSF44L	470
NSYRSF45L	470
NSYRSF64L	469, 470
NSYRSF65L	470
NSYRSF66L	469, 470
NSYRSF84L	469, 470
NSYRSF85L	469, 470
NSYRSF86L	469, 470
NSYRSF88L	469, 470
NSYRSFN104L	469
NSYRSFN105L	469
NSYRSFN106L	469
NSYRSFN108L	469
NSYRSFN124L	469
NSYRSFN125L	469
NSYRSFN126L	469
NSYRSFN64L	469
NSYRSFN66L	469
NSYRSFN84L	469
NSYRSFN85L	469
NSYRSFN86L	469
NSYRSFN88L	469
NSYS3DCGPSTDSB	466-468
NSYS3DCGSB	466-468
NSYS3DLG	466, 467, 474
NSYS3DTL	466
NSYSBMABS4	466
NSYSBMABS6	466
NSYSC124HD	475
NSYSC126HD	475
NSYSC64HD	475
NSYSC66HD	475
NSYSC84HD	475
NSYSC86HD	475
NSYSDFLOCKDB5	473
NSYSDH	473
NSYSFD128	470
NSYSFD146	470
NSYSFD148	470
NSYSFD166	470
NSYSFD168	470
NSYSFD186	470
NSYSFD188	470
NSYSFD206	470
NSYSFD208	470
NSYSFD1810	470
NSYSFD2010	470
NSYSFD18102D	470
NSYSFD18122D	470
NSYSFD20122D	470
NSYSFD20162D	470
NSYSFDHD126	475
NSYSFDHD128	475
NSYSFDHD166	475
NSYSFDHD168	475
NSYSFDHD208	475
NSYSFDHD12122D	475
NSYSFDHD16122D	475
NSYSFECA64HD	475
NSYSFECA66HD	475
NSYSFHNTRIM	469, 470
NSYSFHS1	469
NSYSFHS1HD	475
NSYSFND203ED	469
NSYSFND207ED	469
NSYSFND207G	469
NSYSFND207TED	469
NSYSFND207TG	469
NSYSMD12102D	470
NSYSMD12122D	470

Spare Parts

N	Page
NSYSMD14102D	470
NSYSMD14122D	470
NSYSMD16102D	470
NSYSMD16122D	470
NSYSMD18162D	470
NSYSMEC631	470
NSYSMEC641	470
NSYSMEC661	470
NSYSMEC831	470
NSYSMEC841	470
NSYSMEC851	470
NSYSMEC861	470
NSYSMEC1031	470
NSYSMEC1041	470
NSYSMEC1051	470
NSYSWMBP	466-468, 474
NSYSWMCH	466-468, 474
NSYSWMEL	466-468, 473, 474
NSYTCRE1	468
NSYTCRE12	468
NSYTDB5PLA	472
NSYTDSSF2D	469-471
NSYTDSSFN2D	469
NSYTJ2015HD	475
NSYTJ3020HD	475
NSYTJ4020HD	475
NSYTJ4025HD	475
NSYTJ5025HD	475
NSYTJ6030HD	475
NSYTJ6040HD	475
NSYTJ8040HD	475
NSYTLAUHD	475
NSYTLCUHD	475
NSYTLDUHD	475
NSYTLEUHD	475
NSYTLGUHD	475
NSYVPHD10	474
NSYVPHD15	474
NSYVPLA10MG	472
NSYVPLA12MG	472
NSYVPLA15MG	472
NSYVPLA5MG	472
NSYVPLA7MG	472
NSYVPLM108	472

Life Is On | Schneider Electric

Schneider Electric USA, Inc.
RaleighHub
1101 Shiloh Glenn Drive, Morrisville, NC 27560
Phone: 919-266-3671
se.com/us/en/product-category/5800-universal-enclosures/

© 2025 Schneider Electric. All Rights Reserved. Life Is On Schneider Electric is a trademark and the property of Schneider Electric SE, its subsidiaries and affiliated companies. All other trademarks are the property of their respective owners. **UEMKCAT012CA** · 08/2025