

# Product data sheet

Specifications

SQUARE D



Surge protection device,  
Homeline, whole home, 50kA,  
120/240 VAC, 1 phase, 3 wire,  
SPD type 1

HOM250PSPD

Product availability: Stock - Normally stocked in distribution facility

## Main

Product	Surge protection device
Range	Homeline

## Complementary

Voltage Rating	120/240 V AC
MCOV	150 V
SCCR	22 kA
Surge Current	50 kA
Nominal Discharge Current	20 kA
Number of Phases	1 phase
Wiring Configuration	3-wire
Connection	Plug in phase and neutral
Height	4.0 in (101 mm)
Width	2.0 in (50 mm)
Depth	2.6 in (66 mm)

## Environment

Ambient Operating	149 °F (65 °C)
Enclosure Rating	NEMA 2
Enclosure Material	Black Plastic
Standards	UL 1449:ed. 4 CSA C22.2 No 269.1

## Ordering and shipping details

Category	US1DE1B08461
Discount Schedule	DE1B
GTIN	785901520290
Returnability	Yes
Country of origin	MX

## Packing Units

Unit Type of Package 1	PCE
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Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

<b>Nbr. of units in pkg.</b>	1
<b>Package 1 Height</b>	2.200 in (5.588 cm)
<b>Package 1 Width</b>	3.200 in (8.128 cm)
<b>Package 1 Length</b>	4.400 in (11.176 cm)
<b>Package weight(Lbs)</b>	8.160 oz (231.332 g)
<b>Unit Type of Package 2</b>	CAR
<b>Number of Units in Package 2</b>	5
<b>Package 2 Height</b>	6.200 in (15.748 cm)
<b>Package 2 Width</b>	3.700 in (9.398 cm)
<b>Package 2 Length</b>	10.900 in (27.686 cm)
<b>Package 2 Weight</b>	2.460 lb(US) (1.116 kg)
<b>Unit Type of Package 3</b>	PAL
<b>Number of Units in Package 3</b>	720
<b>Package 3 Height</b>	41.500 in (105.410 cm)
<b>Package 3 Width</b>	30.300 in (76.962 cm)
<b>Package 3 Length</b>	36.500 in (92.710 cm)
<b>Package 3 Weight</b>	380.00009 lb(US) (172.365 kg)

## Contractual warranty

<b>Warranty (in months)</b>	18
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## Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)



### Environmental footprint

Total lifecycle Carbon footprint	76 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	0.1 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.1 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	75 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	0 kg CO2 eq.

## Use Better



### Materials and Substances

Packaging made with recycled cardboard	No
Packaging without single use plastic	Yes
EU RoHS Directive	<a href="#">Compliant By Exemption</a>
California proposition 65	<b>WARNING:</b> This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>

## Use Longer



### Lifetime extension

Repair	No
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## Use Again



### Repack and remanufacture

Recyclability potential, in %	41
Take-back	No

Technical Illustration

Dimensions

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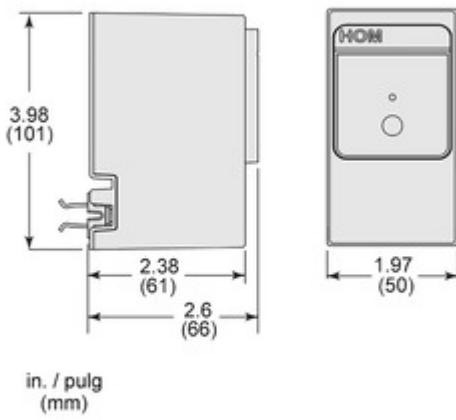


Image of product / Alternate images

Alternative

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### Technical Benefits Surge Breaker



5 year/\$50,000  
connected equipment  
warranty



Compatible with service  
entrance locations,  
CSEDs and Homeline  
breaker boxes with 2  
spaces



50 kA surge current  
capacity for Homeline  
Plug-on Neutral panels



For residential/  
commercial use to  
protect entire branch  
circuits



50,000 Amp/phase  
maximum surge  
current



Protects against  
overloads and  
short-circuits