

Product data sheet

Specifications



Surge Protective device,
Surgeologic, 50kA, 120/240V 1
phase 3 wire, UL Type 1, NEMA
4X

SPDE1

Product availability: Non-Stock - Not normally stocked in
distribution facility

Main

Product	Surge protection device
Range	Surgeologic
Device Short Name	SPDE

Complementary

Voltage Rating	120/240 V AC
MCOV	150 V
Operating Frequency Range	47...63 Hz
SCCR	200 kA
Surge Current	50 kA
EMI/RFI Noise Attenuation	-27 dB
Voltage Protection Rating	700 V L-N 1200 V L - G 600 V N - G 1200 V L-L
Nominal Discharge Current	20 kA
Repetitive Impulse Rating	5 kA
Number of Phases	1 phase
Wiring Configuration	3-wire
Connection	Wire AWG 14
Local Signalling	Status LED green per phase normal operation Status LED red per phase fault
Cable length	3.05 ft (0.93 m)
Device Mounting	DIN rail Pipe nipple Surface bracket
Height	3.30 in (83.82 mm)
Width	3.39 in (85.99 mm)
Depth	3.39 in (85.99 mm)
Weight	1.61 lb(US) (0.73 kg)

Environment

Ambient Operating	-13...140 °F (-25...60 °C)
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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.

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Storage Temperature	-40...140 °F (-40...60 °C)
Operating Altitude	0...12000 ft
Operating Humidity	0...95 %
Enclosure Rating	NEMA 4X
Enclosure Material	polycarbonate
Standards	UL 1449:ed. 5 CSA C22.2 No 269.1

Ordering and shipping details

Category	US1DE1B08462
Discount Schedule	DE1B
GTIN	047569001345
Returnability	No
Country of origin	MX

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	4.49 in (11.4 cm)
Package 1 Width	10.98 in (27.9 cm)
Package 1 Length	6.50 in (16.5 cm)
Package weight(Lbs)	32.0 oz (907 g)

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 >](#)

Use Better

 Materials and Substances	
Packaging made with recycled cardboard	No
Packaging without single use plastic	No
EU RoHS Directive	Compliant with Exemptions
California proposition 65	WARNING: 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 www.P65Warnings.ca.gov

Use Again

 Repack and remanufacture	
Take-back	No