

Product data sheet

Specifications



Surge protection device,
Surgelogic, 36kA, 120/240 VAC, 1
phase, 3 wire, 25kA SCCR, NEMA
4X

SDSA1175

Product availability: Stock - Normally stocked in distribution facility

Main

Product	Surge protection device
Range	Surgelogic

Complementary

Voltage Rating	120/240 V AC
MCOV	150 V
SCCR	25 kA
Surge Current	36 kA per phase
Nominal Discharge Current	10 kA
Number of Phases	1 phase
Wiring Configuration	3-wire
Local Signalling	Status LED green normal operation
Cable length	24 in (609.6 mm)
Height	2.25 in (57.15 mm)
Width	2.25 in (57.15 mm)
Depth	2.7 in (68.6 mm)

Environment

Ambient Operating	149 °F (65 °C)
Enclosure Rating	NEMA 4X
Enclosure Material	Black Plastic
Standards	UL 1449:ed. 4: type I NEC 285 CSA C22.2 No 8

Ordering and shipping details

Category	US1DE1B08462
Discount Schedule	DE1B
GTIN	785901210870
Returnability	Yes
Country of origin	MX

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

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	2.60 in (6.604 cm)
Package 1 Width	2.70 in (6.858 cm)
Package 1 Length	6.80 in (17.272 cm)
Package weight(Lbs)	11.680 oz (331.122 g)
Unit Type of Package 2	CAR
Number of Units in Package 2	20
Package 2 Height	7.20 in (18.288 cm)
Package 2 Width	11.50 in (29.210 cm)
Package 2 Length	13.40 in (34.036 cm)
Package 2 Weight	15.351 lb(US) (6.963 kg)
Unit Type of Package 3	PAL
Number of Units in Package 3	240
Package 3 Height	40.00 in (101.600 cm)
Package 3 Width	40.00 in (101.600 cm)
Package 3 Length	48.00 in (121.920 cm)
Package 3 Weight	160.999 lb(US) (73.028 kg)

Contractual warranty

Warranty	18 months
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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 >](#)

Use Better

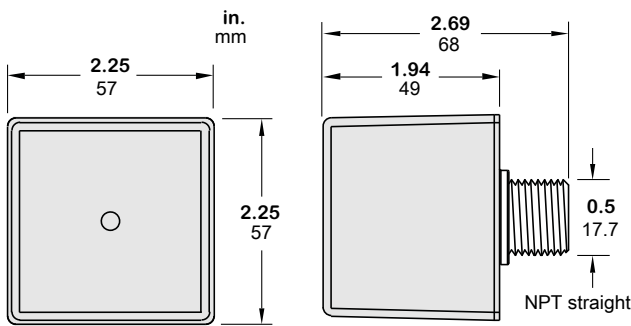
 Materials and Substances	
Packaging made with recycled cardboard	No
Packaging without single use plastic	Yes
EU RoHS Directive	Compliant with Exemptions
REACH Regulation	REACH Declaration
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which 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

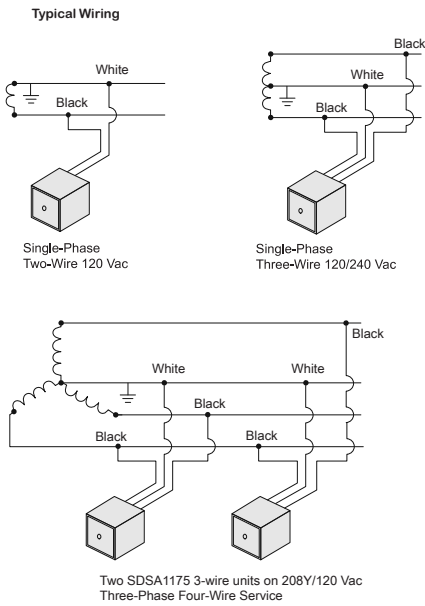
Technical Illustration

Dimensions



Technical Illustration

Wiring diagram



LED ON = OK (normal operation)
LED OFF = Loss of Surge Supression; Refer to Technical Documentation