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	2.600 in (6.604 cm)
Package 1 Width	2.700 in (6.858 cm)
Package 1 Length	7.100 in (18.034 cm)
Package weight(Lbs)	11.280 oz (319.782 g)
Unit Type of Package 2	CAR
Number of Units in Package 2	20
Package 2 Height	7.700 in (19.558 cm)
Package 2 Width	11.000 in (27.940 cm)
Package 2 Length	13.500 in (34.290 cm)
Package 2 Weight	14.910 lb(US) (6.763 kg)

Contractual warranty

Warranty (in months)	18

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	**239 kg CO2 eq.**
Carbon footprint of the manufacturing phase [A1 to A3]	**2 kg CO2 eq.**
Carbon footprint of the distribution phase [A4]	**0.2 kg CO2 eq.**
Carbon footprint of the installation phase [A5]	**0 kg CO2 eq.**
Carbon footprint of the use phase [B2, B3, B4, B6]	**236 kg CO2 eq.**
Carbon footprint of the end-of-life phase [C1 to C4]	**0.7 kg CO2 eq.**
Environmental Disclosure	Product Environmental Profile

Use Better

Materials and Substances

Packaging made with recycled cardboard	**No**
Packaging without single use plastic	**Yes**
EU RoHS Directive	Compliant By Exemption
REACh Regulation	Reference contains Substances of Very High Concern above the threshold
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 Longer

Lifetime extension

Repair	**No**

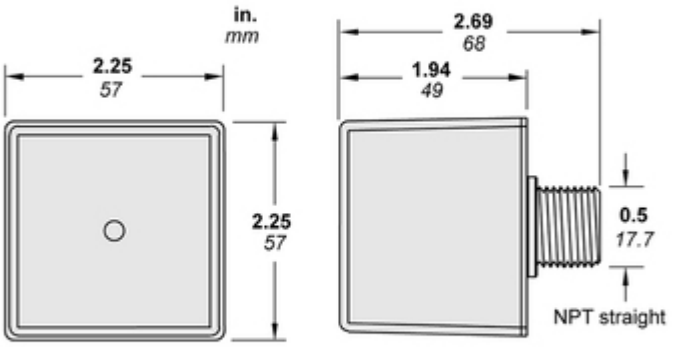
Use Again

Repack and remanufacture

Recyclability potential, in %	**9**
Circularity Profile	End of Life Information
Take-back	**No**

Technical Illustration

Dimensions



Technical Illustration

Wiring diagram

