

Product data sheet

Specifications



Surge protection device,
Surgelogic, 50kA, 600Y/347 VAC,
3 phase, 4 wire, NEMA 1

SDSA3650E

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

Main

Product	Surge protection device
Range	Surgelogic

Complementary

Voltage Rating	600Y/347 V AC
MCOV	510 V
SCCR	200 kA
Surge Current	50 kA
Nominal Discharge Current	10 kA
Number of Phases	3 phase
Wiring Configuration	4-wire
Connection	Wire
Local Signalling	Status LED
Cable length	24 in (609.6 mm)

Environment

Enclosure Rating	NEMA 1
Enclosure Material	Black Plastic
Standards	CSA C22.2 No 8 UL 1449:ed. 4

Ordering and shipping details

Category	US1DE1B08462
Discount Schedule	DE1B
GTIN	3606486148457
Returnability	No
Country of origin	MX

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package weight(Lbs)	30.400 oz (861.826 g)

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

Contractual warranty

Warranty (in months)	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 >](#)

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 Longer

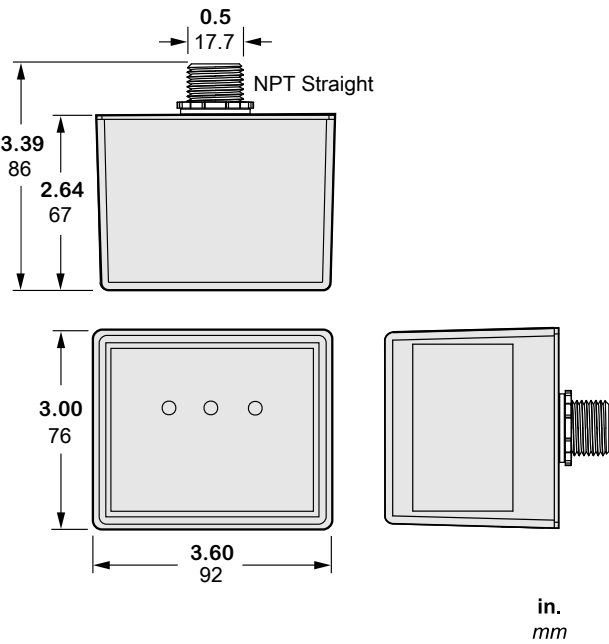
Lifetime extension	
Repair	No

Use Again

Repack and remanufacture	
Take-back	No

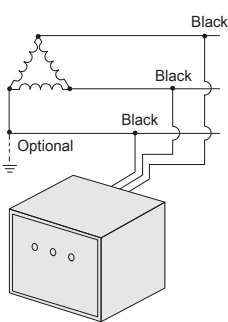
Technical Illustration

Dimensions



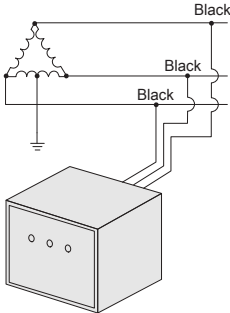
Technical Illustration

Wiring diagram



3-Phase, 3-Wire Delta

SDSA2040D – 240 Vac
SDSA4040D – 480 Vac
SDSA3650D – 600Y Vac



3-Phase, 4-Wire High-Leg Delta

SDSA2040D – 240/120 Vac

Indicator Light ON = OK
Indicator Light OFF = Loss of surge suppression. Refer to technical documentation.