Product data sheet

Specifications

Surge protection device, Surgelogic, 40kA, 600 VAC delta, 3 phase, 4 wire, NEMA 4X

SDSA3650D

Product availability: Stock - Normally stocked in distribution facility

Main

Product	Surge protection device
Range	Surgelogic

Complementary

Voltage Rating	600 V delta AC
MCOV	1020 V
SCCR	200 kA
Surge Current	50 kA per phase
Nominal Discharge Current	10 kA
Number of Phases	3 phase
Wiring Configuration	3-wire
Local Signalling	Status LED green normal operation
Cable length	24 in (609.6 mm)
Height	3 in (76.2 mm)
Width	3.6 in (91.4 mm)
Depth	3.4 in (86.4 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: type I CSA C22.2 No 8

Ordering and shipping details

Category	US1DE1B08462
Discount Schedule	DE1B
GTIN	785901927563
Returnability	Yes
Country of origin	MX

Packing Units

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

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	3.200 in (8.128 cm)
Package 1 Width	3.900 in (9.906 cm)
Package 1 Length	5.0 in (12.7 cm)
Package weight(Lbs)	27.200 oz (771.107 g)
Unit Type of Package 2	CAR
Number of Units in Package 2	20
Package 2 Height	6.50 in (16.51 cm)
Package 2 Width	13.700 in (34.798 cm)
Package 2 Length	20.600 in (52.324 cm)
Package 2 Weight	20.959 lb(US) (9.507 kg)

Contractual warranty

Warranty	18 months

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**

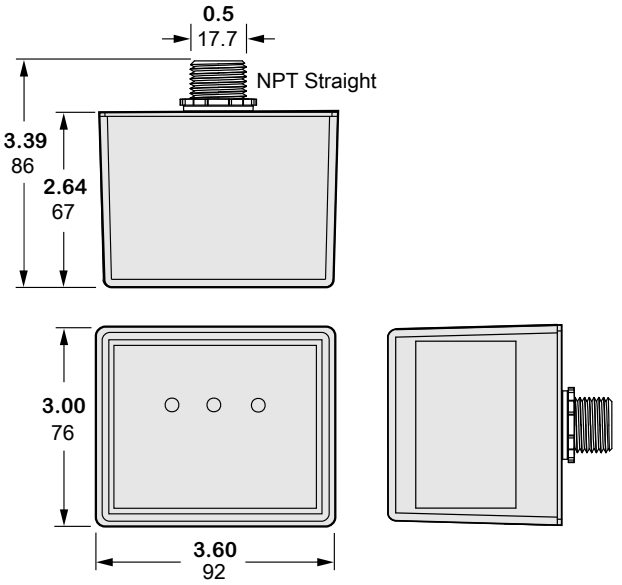
Use Again

Repack and remanufacture

Take-back	**No**

Technical Illustration

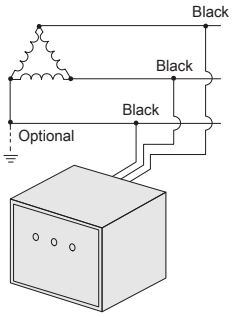
Dimensions



in.
mm

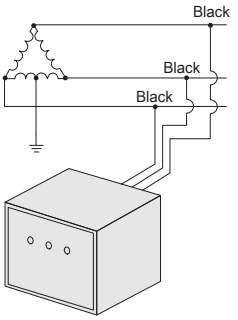
Technical Illustration

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.