Product data sheet

Specifications

Surge protection device, Surgelogic, 40kA, 240 VAC delta, 3 phase, 3 wire, NEMA 4X

SDSA2040D

Product availability: Stock - Normally stocked in distribution facility

Main

Product	Surge protection device
Range	Surgelogic

Complementary

Voltage Rating	240 V delta AC
MCOV	180 V
SCCR	200 kA
Surge Current	40 kA
Nominal Discharge Current	10 kA
Number of Phases	3 phase
Wiring Configuration	3-wire
Connection	Wire AWG 12 copper
Local Signalling	Status LED normal operation
Cable length	24 in (609.6 mm)
Mounting Support	Panel mounting
Height	3.07 in (78 mm)
Width	3.6 in (92 mm)
Depth	2.6 in (67 mm)

Environment

Ambient Operating	149 °F (65 °C)
Enclosure Rating	NEMA 4X
Enclosure Material	Black Plastic
Standards	UL 1449:ed. 4 CSA C22.2 No 8:1986

Ordering and shipping details

Category	US1DE1B08462
Discount Schedule	DE1B
GTIN	785901600022
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	3.3 in (8.4 cm)
Package 1 Width	4.02 in (10.2 cm)
Package 1 Length	5.6 in (14.3 cm)
Package weight(Lbs)	14.9 oz (422 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	**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**

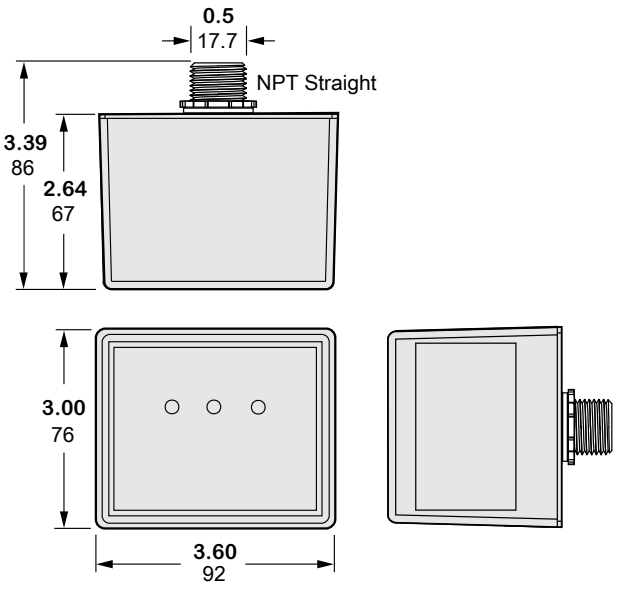
Use Again

Repack and remanufacture

Take-back	**No**

Technical Illustration

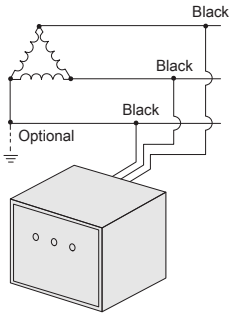
Dimensions



in.
mm

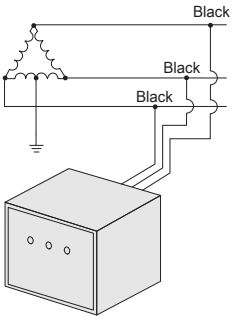
Technical Illustration

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.