

Product data sheet

Specifications

SQUARE D



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 40 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 | 3.20 in (8.128 cm) |
| Package 1 Width | 3.90 in (9.906 cm) |
| Package 1 Length | 5.00 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 | 13.70 in (34.798 cm) |
| Package 2 Length | 20.60 in (52.324 cm) |
| Package 2 Weight | 20.959 lb(US) (9.507 kg) |

Contractual warranty

| | |
|-----------------|-----------|
| Warranty | 18 months |
|-----------------|-----------|



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 | No |
| EU RoHS Directive | Compliant with Exemptions |
| California proposition 65 | <p>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</p> |

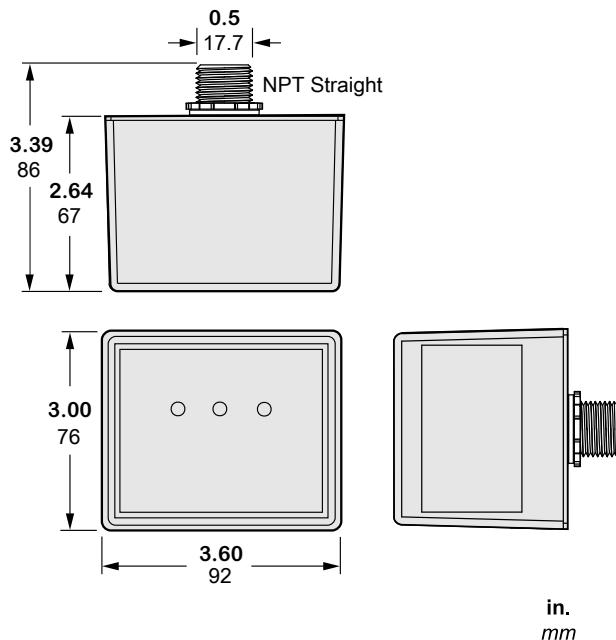
Use Again

Repack and remanufacture

| | |
|-----------|----|
| Take-back | No |
|-----------|----|

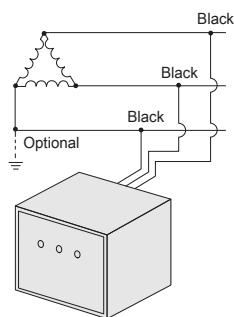
Technical Illustration

Dimensions



Technical Illustration

Wiring diagram

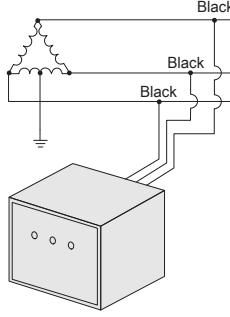


3-Phase, 3-Wire Delta

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.