

# Product data sheet

Specifications

SQUARE D



## Surge protection device, Surgelogic, 40kA, 600Y/347VAC, 3 phase, 4 wire, NEMA 4X

SDSA3650

**Product availability: Stock - 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	40 kA per phase
Nominal Discharge Current	10 kA
Number of Phases	3 phase
Wiring Configuration	4-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	785901210887
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.

<b>Unit Type of Package 1</b>	PCE
<b>Nbr. of units in pkg.</b>	1
<b>Package 1 Height</b>	3.10 in (7.874 cm)
<b>Package 1 Width</b>	3.90 in (9.906 cm)
<b>Package 1 Length</b>	5.00 in (12.700 cm)
<b>Package weight(Lbs)</b>	16.480 oz (467.200 g)
<b>Unit Type of Package 2</b>	CAR
<b>Number of Units in Package 2</b>	20
<b>Package 2 Height</b>	6.00 in (15.240 cm)
<b>Package 2 Width</b>	15.00 in (38.100 cm)
<b>Package 2 Length</b>	20.50 in (52.070 cm)
<b>Package 2 Weight</b>	21.129 lb(US) (9.584 kg)

## Contractual warranty

<b>Warranty</b>	18 months
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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

 <b>Materials and Substances</b>	
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
<a href="#">EU RoHS Directive</a>	Compliant with Exemptions
REACH Regulation	<a href="#">REACH Declaration</a>
California proposition 65	<b>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 <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a></b>

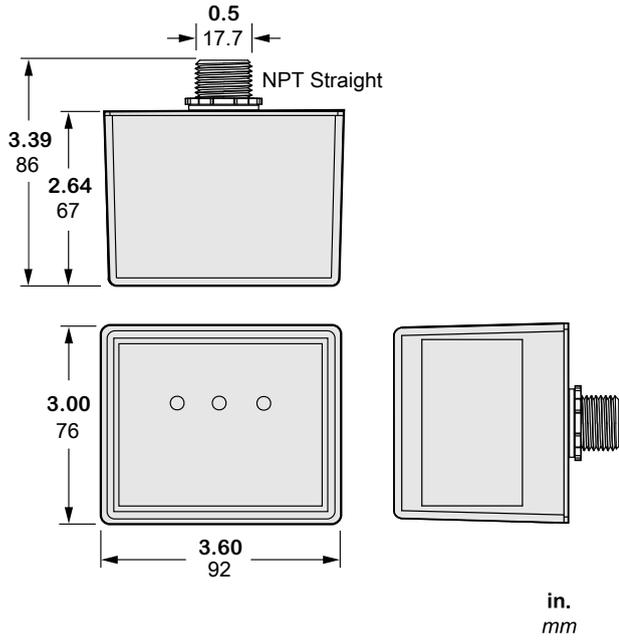
### Use Again

 <b>Repack and remanufacture</b>	
Take-back	No

Technical Illustration

Dimensions

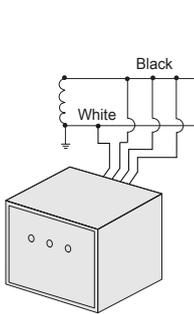
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Technical Illustration

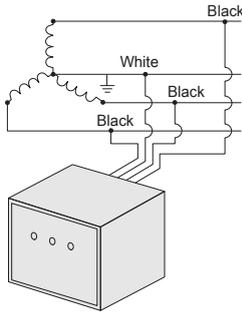
Wiring diagram

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**1-Phase, 2-Wire**

SDSA2040 – 208Y/120 Vac  
SDSA4040 – 480Y/277 Vac  
SDSA3650 – 600Y/347 Vac



**3-Phase, 4-Wire WYE**

SDSA2040 – 208Y/120 Vac  
SDSA4040 – 480Y/277 Vac  
SDSA3650 – 600Y/347 Vac

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