

# Product data sheet

Specifications

**SQUARE D**



Surge Protective device,  
Surgelectric, 50kA, 480Y/277V 3  
phase 4 wire, UL Type 1, NEMA  
4X, Audible Alarm, Dry Contacts

SPDE4A

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

## Main

Product	Surge protection device
Range	Surgelectric
Device Short Name	SPDE

## Complementary

Voltage Rating	480Y/277 V AC
MCOV	320 V
Operating Frequency Range	47...63 Hz
SCCR	200 kA
Surge Current	50 kA
EMI/RFI Noise Attenuation	-27 dB
Voltage Protection Rating	1200 V L-N 1800 V L - G 1000 V N - G 2000 V L-L
Nominal Discharge Current	20 kA
Repetitive Impulse Rating	5 kA
Number of Phases	3 phase
Wiring Configuration	4-wire
Connection	Wire AWG 14
Local Signalling	Status LED green per phase normal operation Status LED red per phase fault
Provided Equipment	Alarm enable/disable switch Dry contacts
Cable length	3.05 ft (0.93 m)
Device Mounting	DIN rail Pipe nipple Surface bracket
Height	3.30 in (83.82 mm)
Width	3.39 in (85.99 mm)
Depth	3.39 in (85.99 mm)
Weight	1.61 lb(US) (0.73 kg)

## Environment

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

<b>Ambient Operating</b>	-13...140 °F (-25...60 °C)
<b>Storage Temperature</b>	-40...140 °F (-40...60 °C)
<b>Operating Altitude</b>	0...12000 ft
<b>Operating Humidity</b>	0...95 %
<b>Enclosure Rating</b>	NEMA 4X
<b>Enclosure Material</b>	polycarbonate
<b>Standards</b>	UL 1449:ed. 5 CSA C22.2 No 269.1

## Ordering and shipping details

<b>Category</b>	US1DE1B08462
<b>Discount Schedule</b>	DE1B
<b>GTIN</b>	047569001420
<b>Returnability</b>	No
<b>Country of origin</b>	MX

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Nbr. of units in pkg.</b>	1
<b>Package 1 Height</b>	4.49 in (11.4 cm)
<b>Package 1 Width</b>	10.98 in (27.9 cm)
<b>Package 1 Length</b>	6.50 in (16.5 cm)
<b>Package weight(Lbs)</b>	32.0 oz (907 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

 <b>Materials and Substances</b>	
Packaging made with recycled cardboard	No
Packaging without single use plastic	No
<a href="#">EU RoHS Directive</a>	Compliant with Exemptions
California proposition 65	<b>WARNING:</b> 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>

### Use Again

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