

Product data sheet

Specifications

SQUARE D



Surge Protective device,
Surgelogic, 200kA, 480Y/277V 3
phase 4 wire, UL Type 1, UL 1283
Components, NEMA 4X

EMB42

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

Main

Product	Surge protection device
Range	Surgelogic
Device Short Name	EMB

Complementary

Voltage Rating	480Y/277 V AC
MCOV	320 V
Operating Frequency Range	47...63 Hz
SCCR	200 kA
Surge Current	200 kA
EMI/RFI Noise Attenuation	-27 dB
Voltage Protection Rating	1200 V L-N 1200 V L - G 1200 V N - G 2000 V L-L
Nominal Discharge Current	20 kA
Repetitive Impulse Rating	20 kA
Number of Phases	3 phase
Wiring Configuration	4-wire
Connection	Lugs terminal AWG 14...AWG 8
Local Signalling	Status LED green per phase normal operation Status LED red per phase fault
Provided Equipment	Alarm enable/disable switch Dry contacts
Height	6.0 in (152 mm)
Width	6.0 in (152 mm)
Depth	4.02 in (102 mm)
Weight	4.0 lb(US) (1.8 kg)

Environment

Ambient Operating	-4...149 °F (-20...65 °C)
Storage Temperature	-40...140 °F (-40...60 °C)
Operating Altitude	0...12000 ft

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

Operating Humidity	0...95 %
Enclosure Rating	NEMA 4X
Enclosure Material	non-metallic
Standards	UL 1449:ed. 5 CSA C22.2 No 269.2 UL 96A

Ordering and shipping details

Category	US1DE1B08464
Discount Schedule	DE1B
GTIN	047569001598
Returnability	No
Country of origin	MX

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	12.80 in (32.5 cm)
Package 1 Width	10.51 in (26.7 cm)
Package 1 Length	5.31 in (13.5 cm)
Package 1 Weight	3.400 lb(US) (1.542 kg)



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	Under investigation
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
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