

# Product data sheet

Specifications



Surge Protective device,  
Surgelogic, 200kA, 480Y/277V 3  
phase 4 wire, UL Type 2, UL 1283,  
NEMA 4X

EMB42F

Product availability: Stock - 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	-50 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	15 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
Device Mounting	Surface Flush fixing kit
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)
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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

Storage Temperature	-40...140 °F (-40...60 °C)
Operating Altitude	0...12000 ft
Operating Humidity	0...95 %
Enclosure Rating	NEMA 4X
Enclosure Material	non-metallic
Standards	UL 1449:ed. 5 CSA C22.2 No 269.1 UL 96A UL 1283

## Ordering and shipping details

Category	US1DE1B08469
Discount Schedule	DE1B
GTIN	3606487139096
Returnability	Yes
Country of origin	MX

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	5.60 in (14.224 cm)
Package 1 Width	10.80 in (27.432 cm)
Package 1 Length	12.80 in (32.512 cm)
Package 1 Weight	4.650 lb(US) (2.109 kg)



## 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
EU RoHS Directive	Under investigation

### Use Again

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