

Product data sheet

Specifications



Surge Protective device, Surgelogic, 300kA, 480Y/277V 3 phase 4 wire, UL Type 1

IMB43

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

Main

Product	Surge protection device
Range	Surgelogic
Device Short Name	IMB

Complementary

Voltage Rating	480Y/277 V AC
MCOV	320 V
Operating Frequency Range	47...63 Hz
SCCR	200 kA
Surge Current	300 kA
EMI/RFI Noise Attenuation	-54 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 AWG 14...AWG 2
Local Signalling	Status LED green per phase normal operation Status LED red per phase fault
Provided Equipment	Alarm enable/disable switch Dry contacts
Height	6.5 in (165 mm)
Width	11.8 in (299 mm)
Depth	4.5 in (114 mm)
Weight	4.2 lb(US) (1.9 kg)

Environment

Ambient Operating	-13...140 °F (-25...60 °C)
Storage Temperature	-58...176 °F (-50...80 °C)
Operating Altitude	0...12000 ft
Operating Humidity	0...95 %

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

Enclosure Rating	Open type
Standards	UL 1449:ed. 5 CSA C22.2 No 269.2 UL 1283

Ordering and shipping details

Category	US1DE1B08468
Discount Schedule	DE1B
GTIN	047569001222
Returnability	No
Country of origin	MX

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	7.52 in (19.1 cm)
Package 1 Width	12.52 in (31.8 cm)
Package 1 Length	9.25 in (23.5 cm)
Package weight(Lbs)	6.199 lb(US) (2.812 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

 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