

Product data sheet

Specifications



Surge protective device,
Surgelogic, IMB, 300kA, 600Y/
347V, 3 phase, 4 wire, SPD type
2, UL 1283, open style

IMB83F

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

Main

Product	Surge protection device
Range	Surgelogic
Device Short Name	IMB

Complementary

Voltage Rating	600Y/347 V AC
MCOV	420 V
Operating Frequency Range	47...63 Hz
SCCR	200 kA
Surge Current	300 kA
EMI/RFI Noise Attenuation	-54 dB
Voltage Protection Rating	1500 V L-N 1500 V L - G 1200 V N - G 2500 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 Switch-disconnector with integrated switch for off/on/automatic
Device Mounting	Surface Flush fixing kit
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)
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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	-58...176 °F (-50...80 °C)
Operating Altitude	0...12000 ft
Operating Humidity	0...95 %
Enclosure Rating	Open type
Enclosure Material	polycarbonate
Standards	UL 1449:ed. 5 CSA C22.2 No 269.2 UL 1283

Ordering and shipping details

Category	US1DE1B08468
Discount Schedule	DE1B
GTIN	3606487139263
Returnability	No
Country of origin	MX

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	7.50 in (19.05 cm)
Package 1 Width	12.50 in (31.75 cm)
Package 1 Length	9.250 in (23.495 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	Compliant with Exemptions

Use Again

 Repack and remanufacture	
Take-back	No