Product data sheet

Specifications

Surge Protective device, Surgelogic, 300kA, 208Y/120V 3 phase 4 wire, UL Type 2, UL 1283, NEMA 4

EMD23F

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

Main

Product	Surge protection device
Range	Surgelogic
Device Short Name	EMD

Complementary

Voltage Rating	208Y/120 V AC
MCOV	150 V
Operating Frequency Range	47…63 Hz
SCCR	200 kA
Surge Current	300 kA
EMI/RFI Noise Attenuation	-50 dB
Voltage Protection Rating	900 V L-N 1500_V L - L 800 V N - G 800 V L - G
Nominal Discharge Current	20 kA
Repetitive Impulse Rating	15 kA
Number of Phases	3 phase
Wiring Configuration	4-wire
Connection	Lugs terminal AWG 8...AWG 1/0
Local Signalling	Status LED green per phase normal operation Status LED red per phase fault
Provided Equipment	Alarm enable/disable switch Surge counter Switch-disconnector with integrated switch for off/on/automatic
Device Mounting	Surface
Height	12.008 in (305 mm)
Width	12.008 in (305 mm)
Depth	6.5 in (165 mm)
Weight	22.9 lb(US) (10.4 kg)

Environment

Ambient Operating	-4…149 °F (-20…65 °C)

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 4
Enclosure Material	steel
Standards	UL 1449:ed. 5 CSA C22.2 No 269.1 UL 96A

Ordering and shipping details

Category	US1DE1B08464
Discount Schedule	DE1B
GTIN	3606487139157
Returnability	No
Country of origin	MX

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	13.00 in (33.02 cm)
Package 1 Width	17.50 in (44.45 cm)
Package 1 Length	17.50 in (44.45 cm)
Package weight(Lbs)	24.500 lb(US) (11.113 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	**Yes**
Packaging without single use plastic	**No**
EU RoHS Directive	**Under investigation**

Use Again

Repack and remanufacture

Take-back	**No**