

Product data sheet

Specifications



MA Module 277V High kA

MAM42

Product availability: Stock - Normally stocked in distribution facility

Main

Product	Surge protection module
Range	SurgeLogic
Device Short Name	IMA EMA
Accessory Category	Replacement accessories

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	-42 dB
Nominal Discharge Current	20 kA
Number of Phases	3 phase
Wiring Configuration	4-wire
Connection	Terminals AWG 10...AWG 2
Local Signalling	Status LED green per phase normal operation Status LED red per phase fault
Height	8.20 in (20.828 cm)
Width	5.80 in (14.734 cm)
Depth	5.30 in (13.462 cm)
Weight	28.800 oz (816.466 g)

Environment

Ambient Operating	-4...140 °F (-20...60 °C)
Storage Temperature	-40...149 °F (-40...65 °C)
Operating Altitude	0...12000 ft
Operating Humidity	0...95 %
Enclosure Rating	Open type
Standards	UL 1449:ed. 5 CSA C22.2 No 269.1

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

Ordering and shipping details

Category	US1DE1B08467
Discount Schedule	DE1B
GTIN	047569001741
Returnability	Yes
Country of origin	MX

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	8.39 in (21.3 cm)
Package 1 Width	5.59 in (14.2 cm)
Package 1 Length	4.61 in (11.7 cm)
Package weight(Lbs)	32.8 oz (930 g)

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 >](#)

Environmental footprint	
Carbon footprint (kg CO2 eq, Total Life cycle)	2782
Environmental Disclosure	Product Environmental Profile

Use Better

Materials and Substances	
Packaging made with recycled cardboard	No
Packaging without single use plastic	No
EU RoHS Directive	Compliant with Exemptions
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	
Circularity Profile	End of Life Information
Take-back	No