

Product data sheet

Specifications

SQUARE D



Surge protection device,
Surgelogic, 480kA, 120/240 VAC,
1 phase, 3 wire, NEMA 1,
disconnect switch, enhanced filter

SSP01EMA48DF

! Discontinued

! Discontinued on: Apr 3, 2023

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

Main

Product	Surge protection device
Range	Surgelogic
Device Short Name	EMA

Complementary

Voltage Rating	120/240 V AC
Mcov	150 V
Sccr	200 kA
Surge Current	480 kA
Nominal Discharge Current	20 kA
Rated Current	150 A
Number Of Phases	1 phase
Max Number Of Poles	3
Wiring Configuration	3-wire
Connection	Lugs AWG 10...AWG 3/0 copper 35.40 lbf.in (4 N.m)
Local Signalling	Status LED green per phase normal operation Status LED red per phase fault
Provided Equipment	Alarm enable/disable switch Switch-disconnector Surge counter Sine wave tracking module Dry contacts
Cable Length	19.02 in (483 mm)
Device Mounting	Surface
Height	21.61 in (549 mm)
Width	9.88 in (251 mm)
Depth	7.87 in (200 mm)

Environment

Ambient Operating	149 °F (65 °C)
Enclosure Rating	NEMA 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

Enclosure Material	Gray painted sheet steel
Standards	CSA C22.2 No 8 UL 1449:ed. 4 UL 1283:ed. 5

Ordering and shipping details

Category	US1DE1B08464
Discount Schedule	DE1B
Gtin	3606486148495
Returnability	No

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	21.61 in (54.9 cm)
Package 1 Width	9.88 in (25.1 cm)
Package 1 Length	7.87 in (20.0 cm)
Package 1 Weight	20.50 lb(US) (9.299 kg)

Sustainability

Green Premium™ label is Schneider Electric’s commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product’s sustainability >](#)

Well-being performance

 Rohs Exemption Information	Yes
Reach Regulation	REACH Declaration
Eu Rohs Directive	Compliant with Exemptions
China Rohs Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information.
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