

Product data sheet

Specifications



Surge protection device,
Surgelogic, 100kA, 480 VAC delta,
3 phase, 3 wire, NEMA 4X,
disconnect switch

SSP05EMA10SD

! Discontinued

! Discontinued on: May 11, 2021

! End-of-service on: Jun 30, 2021

Main

Product	Surge protection device
Range	Surgelogic
Device Short Name	EMA

Complementary

Voltage Rating	480 V delta AC
Mcov	640 V
Sccr	200 kA
Surge Current	100 kA
Nominal Discharge Current	20 kA
Rated Current	150 A
Number Of Phases	3 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 Surge counter Switch-disconnector with integrated switch for off/on/automatic Dry contacts
Cable Length	19.02 in (483 mm)
Device Mounting	Surface
Height	22.67 in (575.8 mm)
Width	11.70 in (297.2 mm)
Depth	9.40 in (238.8 mm)

Environment

Ambient Operating	149 °F (65 °C)
Enclosure Rating	NEMA 4X
Enclosure Material	Stainless Steel

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

Standards	CSA C22.2 No 8 UL 1449:ed. 4 UL 1283:ed. 5
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Ordering and shipping details

Category	08464-SURGE PROTECTION EMA
Discount Schedule	DE1B
Returnability	No
Country Of Origin	MX

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Weight	45.20 lb(US) (20.502 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



Mercury Free



Rohs Exemption Information

Yes

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