

Product data sheet

Specifications

SQUARE D



Surge protection device,
SurgeLogic, 120kA, 480Y/277
VAC, 3 phase, 4 wire, NEMA 3R,
counter

TVS4EMA12AC

Discontinued

Discontinued on: Mar 15, 2022

Main

Product	Surge protection device
Range	SurgeLogic
Device Short Name	EMA

Complementary

Voltage Rating	480Y/277 V AC
MCOV	320 V
SCCR	200 kA
Surge Current	120 kA per phase
Nominal Discharge Current	20 kA
Number of Phases	3 phase
Wiring Configuration	4-wire
Connection	Lugs AWG 14...AWG 2/0 aluminium/copper
Local Signalling	Status LED green per phase normal operation Status LED red per phase fault
Provided Equipment	Alarm enable/disable switch Surge counter
Mounting Location	Service entrance
Device Mounting	Flush Surface

Environment

Enclosure Rating	NEMA 3R/12
Enclosure Material	Gray painted sheet steel
Standards	UL 1449:ed. 4 UL 1283:ed. 5 ANSI/IEEE C62.41 ANSI/IEEE C62.45 UL Category Section 37.3

Ordering and shipping details

Category	08464-SURGE PROTECTION EMA
Discount Schedule	DE1B
GTIN	00785901702085

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

Returnability	No
Country of origin	US

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	12.00 in (30.48 cm)
Package 1 Width	15.400 in (39.116 cm)
Package 1 Length	16.50 in (41.91 cm)
Package weight(Lbs)	21.464 lb(US) (9.736 kg)

Contractual warranty

Warranty (in months)	18
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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 Longer

Lifetime extension	
Repair	No