Specifications

Eaton SD32

Eaton Crouse-Hinds series MTL SD surge protector, 22 Vac, 32 Vdc, 5kA surge current, 250mA, T-section DIN rail, <45V voltage protection level, Fuse disconnect, 12 AWG

General specifications	
PRODUCT NAME	Eaton Crouse-Hinds series MTL SD surge protector
PRODUCT NAME	Eaton Crouse-Hinds series MTL SD surge protector
CATALOG NUMBER	SD32
PRODUCT LENGTH/DEPTH	99 mm
PRODUCT HEIGHT	101.3 mm
PRODUCT WIDTH	7 mm
PRODUCT WEIGHT	70 g

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Product specifications

AREA CLASSIFICATION	Hazardous/Classified Locations
STANDARDS TYPE	IECEx/ATEX NEC/CEC IEC
IECEX/ATEX HAZARDOUS RATING	Zone 2
INGRESS PROTECTION (IP) RATINGS	IP54
MOUNTING METHOD	T-section DIN rail
FREQUENCY	25 kHz
RESPONSE TIME	<1ns
FUSE DISCONNECT	Yes
CATEGORY TESTED ACC. IEC 61643-21	A2, B2, C1, C2, C3, D1
CONDUCTOR CROSS-SECTION AWG	12 AWG
MINIMUM AMBIENT OPERATING TEMPERATURE	-40 °C
MAXIMUM AMBIENT OPERATING TEMPERATURE	80 °C
MINIMUM AMBIENT STORAGE TEMPERATURE	-40 °C
MAXIMUM AMBIENT STORAGE TEMPERATURE	80 °C
HUMIDITY	5-95% RH (non-condensing)
MODES OF PROTECTION	For protecting electronic equipment and systems against surges on signal and I/O cabling
NOMINAL VOLTAGE AC	22V
NOMINAL VOLTAGE DC	32V
NOMINAL DISCHARGE SURGE CURRENT (8/20)	5 kA
LIGHTNING IMPULSE CURRENT (10/350 MS)	2.8 kA
NOMINAL LOAD CURRENT	250mA
VOLTAGE PROTECTION LEVEL AT IN	60V
VOLTAGE PROTECTION LEVEL AT 1KV/MS	<45V
SERIES RESISTANCE (Ω/LINE)	4.2Ω
MAX. LEAKAGE CURRENT	5μ A

Resources

MAX. CONTINUOUS VOLTAGE AC	36V

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:
DATE:

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