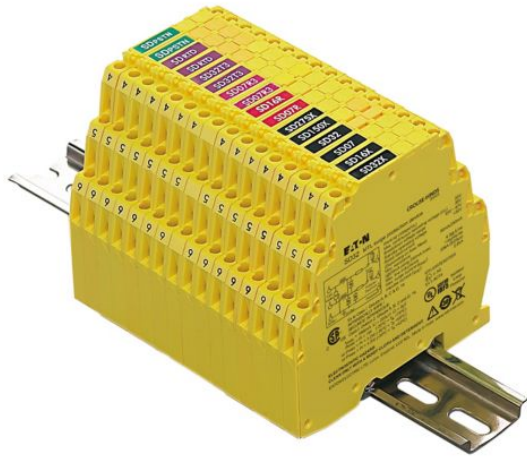


Specifications



Eaton SD32X

Eaton Crouse-Hinds series MTL SD surge protector, 22 Vac, 32 Vdc, 5kA surge current, 400mA, T-section DIN rail, <45V voltage protection level, 12 AWG, Low resistance

General specifications

PRODUCT NAME	Eaton Crouse-Hinds series MTL SD surge protector
PRODUCT NAME	Eaton Crouse-Hinds series MTL SD surge protector
CATALOG NUMBER	SD32X
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	IEC IECEX/ATEX NEC/CEC
IECEX/ATEX HAZARDOUS RATING	Zone 2
INGRESS PROTECTION (IP) RATINGS	IP54
MOUNTING METHOD	T-section DIN rail
SPECIAL FEATURES	Low resistance
FREQUENCY	25 kHz
RESPONSE TIME	<1ns
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	400mA
VOLTAGE PROTECTION LEVEL AT IN	60V
VOLTAGE PROTECTION LEVEL AT 1KV/MS	<45V
SERIES RESISTANCE (Ω/LINE)	2.2Ω
MAX. LEAKAGE CURRENT	5μ A

Resources

MAX. CONTINUOUS VOLTAGE AC	36V
IEC	IEC/EN 61643-21

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:
DATE:



Eaton Corporation plc
Eaton House
30 Pembroke Road
Dublin 4, Ireland
Eaton.com

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