

PRODUCT-DETAILS

OVR T1 3N 25-255

OVR T1 3N 25-255 Surge Protective Device



General Information

Extended Product Type	OVR T1 3N 25-255
Product ID	2CTB815101R1600
EAN	3660308510938
Catalog Description	OVR T1 3N 25-255 Surge Protective Device
Long Description	Surge protective devices SPD type 1 protect low-voltage consumer systems against lightning currents and surge voltages as they are tested as SPD type 1 according to IEC 61643-11. The devices are compatible with the System pro M compact series. The SPD with "TS" are optionally equipped with a auxiliary contact.

Technical

Type of Low Voltage Distribution System	TT TN-S
Nominal AC Voltage of the System (U_o)	230 / 400 V
Number of Protected Poles	4
Arrester Class	I
Product Main Type	T1
Standards	IEC 61643-1 / EN 61643-11
Version	Fix
Discharge Current	Nominal 25 kA

	Maximum 60 kA Total 175 kA
Impulse Current	I (imp, 10 / 350 µs) 25 kA I (total, 10 / 350 µs) 100 kA
Maximum Continuous Operating Voltage (U _c)	(L-PE) 255 V (L-L) 440 V (L-N) 255 V (N-PE) 255 V
Voltage Protection Level (Up)	(L-N) 2.5 kV (N-PE) 2 kV (L-PE) - kV
Short Circuit Withstand I _{cc}	50 kA
Follow Current Extinction Capacity I _f (I _{fi})	50 kA
Temporary Overvoltage Test Value (U _T)	(L-N) 337 V (N-PE) 1200 V
Short-Circuit Protective Devices	Curve B Breakers ≤ 125 A Curve C Breakers ≤ 125 A gL Type Fuses ≤ 125 A gG Type Fuses ≤ 125 A
Product Name	Surge Protective Device
Suitable For	To protect the systems against the transient overvoltage (lightning)

Dimensions

Product Net Width	142.4 mm
Product Net Depth / Length	64.8 mm
Product Net Height	90 mm
Product Net Weight	1.1 kg
Width in Number of Modular Spacings	8

Container Information

Package Level 1 Units	1 piece
Package Level 1 Width	117 mm
Package Level 1 Depth / Length	147 mm
Package Level 1 Height	82 mm
Package Level 1 Gross Weight	1.12 kg
Package Level 1 EAN	3660308510938

Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85363090
Replacement Product ID (NEW)	2CTB825101R1600

Certificates and Declarations (Document Number)

Declaration of Conformity - CE	9AKK107991A6345
Instructions and Manuals	2CTC431005M1701

Popular Downloads

Data Sheet, Technical Information	2CTC431014D1701
Instructions and Manuals	2CTC431005M1701
Mechanical Drawings	2CTC800010F0600.pdf 2CTC800010F0601.dxf 2CTC800010F0602.stp 2CTC800010F0603.igs

Classifications

Object Classification Code	141ACC
ETIM 4	EC000381 - Lightning current arrester for power supply systems
ETIM 5	EC000381 - Lightning current arrester for power supply systems
ETIM 6	EC000381 - Lightning current arrester for power supply systems
ETIM 7	EC000381 - Lightning current arrester for power supply systems

Categories

Low Voltage Products and Systems → Modular DIN Rail Products → Surge Protective Devices SPDs → Surge Protective Devices SPD Class I

