

PRODUCT-DETAILS

OVR T1 3N 25-255 TS

OVR T1 3N 25-255 TS Surge Protective Device



General Information

Extended Product Type	OVR T1 3N 25-255 TS
Product ID	2CTB815101R0700
EAN	3660308510983
Catalog Description	OVR T1 3N 25-255 TS 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
Auxiliary Circuit Load	Minimum 12Vdc - 10mA Maximum 250Vac - 1A
Product Name	Surge Protective Device
Suitable For	To protect the systems against the transient overvoltage (lightning)

Dimensions

Product Net Width	160.2 mm
Product Net Depth / Length	64.8 mm
Product Net Height	90 mm
Product Net Weight	1.2 kg
Width in Number of Modular Spacings	9

Container Information

Package Level 1 Units	1 piece
Package Level 1 Width	117 mm
Package Level 1 Depth / Length	193 mm
Package Level 1 Height	82 mm
Package Level 1 Gross Weight	1.22 kg
Package Level 1 EAN	3660308510983

Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85363090
Replacement Product ID (NEW)	2CTB825101R0700

Certificates and Declarations (Document Number)

Declaration of Conformity - CE	9AKK107991A6345
EAC Certificate	2CTC436007G1701
Instructions and Manuals	2CTC431005M1701

Popular Downloads

Data Sheet, Technical Information	2CTC431006D1701
Instructions and Manuals	2CTC431005M1701
Mechanical Drawings	2CTC800010F0700.pdf 2CTC800010F0701.dxf 2CTC800010F0702.stp 2CTC800010F0703.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

