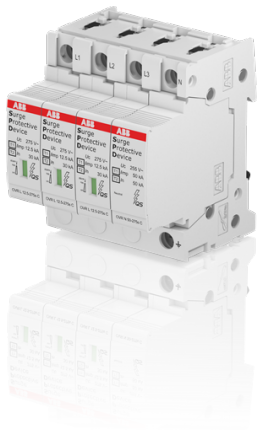
PRODUCT-DETAILS

OVR T1-T2 3N 12.5-275s P QS

OVR T1-T2 3N 12.5-275s P QS Surge Protective Device



General Information

Extended Product Type	OVR T1-T2 3N 12.5-275s P QS
Product ID	2CTB815710R1900
EAN	3660308524997
Catalog Description	OVR T1-T2 3N 12.5-275s P QS Surge Protective Device
Long Description	Surge protective devices SPD type 1- type 2 protect low-voltage consumer systems against lightning currents and surge voltages as they are tested as SPD type 1 and type 2 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. The variants with "reserve varistor" (s) offer additional protection for the system, as the SPD is not completely disconnected from the mains at the end of its service life, but with an additional smaller varistor still guarantees basic protection and the system thus until the surge arrester is replaced is still protected

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 II

Product Main Type	T1-T2
Standards	IEC 61643-11 / EN 61643-11
Product Type	QS
Version	Plug-in
Discharge Current	Nominal 20 kA Maximum 80 kA Total 100 kA
Impulse Current	I (imp, 10 / 350 µs) 12.5 kA I (total, 10 / 350 µs) 50 kA
Maximum Continuous Operating Voltage (U_c)	(L-PE) 275 V (L-L) 440 V (L-N) 275 V (N-PE) 255 V
Voltage Rating DC	350 V
Voltage Protection Level (Up)	(L-N) 1.4 kV (N-PE) 1.4 kV (L-PE) 1.5 kV
Short Circuit Withstand Icc	100 kA
Follow Current Extinction Capacity If (I fi)	(L-N) - kA (N-PE) 0.1 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 ≤ 160 A gG Type Fuses ≤ 160 A
Power Loss	63 mW
Product Name	Surge Protective Device
Suitable For	To protect the systems against the transient overvoltage (lightning)

Dimensions

Product Net Width	71.2 mm
Product Net Depth / Length	76.7 mm
Product Net Height	88 mm
Product Net Weight	0.6 kg
Width in Number of Modular Spacings	4

Container Information

Package Level 1 Units	1 piece
Package Level 1 Width	117 mm
Package Level 1 Depth / Length	77 mm
Package Level 1 Height	82 mm
Package Level 1 Gross Weight	630 g
Package Level 1 EAN	3660308524997

Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85363090

Certificates and Declarations (Document Number)

CQC Certificate	9AKK107680A1975
Declaration	2CTC432056G1701
Declaration of Conformity - CE	9AKK107992A0892
EAC Certificate	2CTC436008G1701
Instructions and Manuals	2CTC431030M1701

Popular Downloads

Data Sheet, Technical Information	2CTC431046D0201
Instructions and Manuals	2CTC431030M1701
Mechanical Drawings	2CTC800015F1900.pdf 2CTC800015F1901.dxf 2CTC800015F1902.stp 2CTC800015F1903.igs

Classifications

Object Classification Code	141BCC
ETIM 4	EC001457 - Combined arrester for power supply systems
ETIM 5	EC001457 - Combined arrester for power supply systems
ETIM 6	EC001457 - Combined arrester for power supply systems
ETIM 7	EC001457 - Combined arrester for power supply systems
E-Number (Finland)	3212135

Categories

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

