PRODUCT-DETAILS

OVR T1-T2 3L 12.5-275s P TS QS

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



General Information

Extended Product Type	OVR T1-T2 3L 12.5-275s P TS QS
Product ID	2CTB815710R0600
EAN	3660308524911
Catalog Description	OVR T1-T2 3L 12.5-275s P TS 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

Standards	IEC 61643-11 / EN 61643-11
Type of Low Voltage Distribution System	TN-C
Suitable For	To protect the systems against the transient overvoltage (lightning)
Nominal AC Voltage of	230 / 400 V

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the System (U_o)	
Voltage Rating DC	350 V
Voltage Protection Level (Up)	(L-N) - kV (N-PE) - kV (L-PE) 1.4 kV
Maximum Continuous Operating Voltage (U_c)	(L-PE) 275 V (L-L) 440 V (L-N) - V (N-PE) - V
Temporary Overvoltage Test Value (U_T)	337 V
Discharge Current	Nominal 20 kA Maximum 80 kA Total 240 kA
Impulse Current	I (imp, 10 / 350 µs) 12.5 kA I (total, 10 / 350 µs) 37.5 kA
Lightning Impulse Current	12,5
Short Circuit Withstand Icc	100 kA
Follow Current Extinction Capacity If (I fi)	(L-N) - kA (N-PE) - kA
Power Loss	63 mW
Short-Circuit Protective Devices	Curve B Breakers ≤ 125 A Curve C Breakers ≤ 125 A gL Type Fuses ≤ 160 A gG Type Fuses ≤ 160 A
Arrester Class	I II
Number of Protected Poles	3
Number of Auxiliary Contacts NC	1
Number of Auxiliary Contacts NO	1
Number of Poles	3
Version	Plug-in
Mounting Type	DIN-Rail
Product Type	QS
Options Provided	Industry, commercial building
Auxiliary Circuit Load	Minimum 12Vdc - 10mA Maximum 250Vac - 1A
Preventive Maintenance Feature	Yes
Status Indicator	Yes
Fuse Size	3 modular spacing

Material Compliance

RoHS Information	9AKK108466A4617
RoHS Status	Following EU Directive 2011/65/EU
RoHS Date	20220317
REACH Declaration	9AKK108468A9644
REACH Information	False - does not contains substances > 0.1 mass percentage
Conflict Minerals Reporting Template (CMRT)	9AKK108468A3363

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Environmental

Degree of Protection	IP20
Maximum Operating Altitude Permissible	Without Derating 5000

Dimensions

Width in Number of Modular Spacings	3
Product Net Width	53.4 mm
Product Net Height	95.8 mm
Product Net Depth / Length	76.7 mm
Product Net Weight	00.45 kg

Ordering

Package Level 1 Units	box 1 piece
Package Level 1 Gross Weight	0.450 kg

Certificates and Declarations

CQC Certificate	9AKK107680A1975
Declaration	2CTC432056G1701
Declaration of Conformity - CE	9AKK108466A4617

Installation

Instructions and Manuals	2CTC431030M1701

Popular Downloads

Data Sheet, Technical Information	2CTC431038D0201
Mechanical Drawings	2CTC800015F1100.pdf 2CTC800015F1101.dxf 2CTC800015F1102.stp 2CTC800015F1103.igs

Classifications

ETIM 8	EC001457 - Combined arrester for power supply systems
ETIM 9	EC001457 - Combined arrester for power supply systems
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
WEEE B2C / B2B	Business To Business
CN8	85363090
eClass	V11.0 : 27130808
Object Classification Code	141BCC

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Categories

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






360°

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