PRODUCT-DETAILS

OVR T1-T2 1N 12.5-275s P TS QS

Surge Protective Device



General Information

Extended Product Type	OVR T1-T2 1N 12.5-275s P TS QS
Product ID	2CTB815710R0100
EAN	3660308524898
Catalog Description	Surge Protective Device
Long Description	OVR T1-T2 1N 12.5-275s P TS QS Surge Protective Device

Technical

Standards	IEC 61643-11 / EN 61643-11
Type of Low Voltage Distribution System	TT TN-S
Suitable For	To protect the systems against the transient overvoltage (lightning)
Nominal AC Voltage of the System (U_o)	230 / 400 V
Voltage Protection Level (Up)	(L-N) 1.4 kV (N-PE) 1.4 kV (L-PE) 1.5 kV
Maximum Continuous Operating Voltage (U_c)	(L-PE) 275 V (L-L) - V

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Subject to change without notice

	(L-N) 275 V (N-PE) 255 V
Temporary Overvoltage Test Value (U_T)	(L-N) 337 V (N-PE) 1200 V
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) 25 kA
Lightning Impulse Current	12,5
Short Circuit Withstand Icc	100 kA
Follow Current Extinction Capacity If (I fi)	(L-N) - kA (N-PE) 0.1 kA
Power Loss	37 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	2
Number of Auxiliary Contacts NC	1
Number of Auxiliary Contacts NO	1
Number of Poles	2
Position of Neutral Terminals	Right
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	2 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 contain substances > 0.1 mass percentage
REACH Date	20231212
Conflict Minerals Reporting Template (CMRT)	9AKK108468A3363

Environmental

Degree of Protection	IP20

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Maximum Operating Altitude Permissible	Without Derating 5000

Dimensions

Width in Number of Modular Spacings	2
Product Net Width	35.6 mm
Product Net Height	95.8 mm
Product Net Depth / Length	76.7 mm
Product Net Weight	0.3 kg

Ordering

Package Level 1 Units	box 1 piece
Package Level 1 Gross Weight	0.300 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	2CTC431036D0201
Mechanical Drawings	2CTC800015F0900.pdf 2CTC800015F0901.dxf 2CTC800015F0902.stp 2CTC800015F0903.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





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