

PRODUCT-DETAILS

OVR T1-T2 12.5-275s P QS

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



General Information

Extended Product Type	OVR T1-T2 12.5-275s P QS
Product ID	2CTB815710R1200
EAN	3660308524959
Catalog Description	OVR T1-T2 12.5-275s P QS Surge Protective Device
Long Description	OVR T1-T2 12.5-275s P QS Surge Protective Device

Technical

Standards	IEC 61643-11 / EN 61643-11
Type of Low Voltage Distribution System	TT TN-C 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 Rating DC	350 V
Voltage Protection Level (Up)	(L-N) 1.4 kV (N-PE) - kV (L-PE) 1.4 kV
Maximum Continuous Operating Voltage (U_c)	(L-PE) 275 V (L-L) 275 V (L-N) 275 V

	(N-PE) - V
Temporary Overvoltage Test Value (U _T)	337 V
Discharge Current	Nominal 20 kA Maximum 80 kA Total 80 kA
Impulse Current	I (imp, 10 / 350 μs) 12.5 kA
Lightning Impulse Current	12,5
Short Circuit Withstand I _{cc}	100 kA
Follow Current Extinction Capacity I _f (I _{fi})	(L-N) - kA (N-PE) - 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	1
Number of Poles	1
Version	Plug-in
Mounting Type	DIN-Rail
Product Type	QS
Options Provided	Industry, commercial building
Preventive Maintenance Feature	Yes
Status Indicator	Yes
Fuse Size	1 modular spacing

Environmental

Degree of Protection	IP20
Maximum Operating Altitude Permissible	Without Derating 5000
RoHS Status	Following EU Directive 2011/65/EU
RoHS Information	9AKK108466A4617
Conflict Minerals Reporting Template (CMRT)	9AKK108468A3363

Dimensions

Width in Number of Modular Spacings	1
Product Net Width	17.8 mm
Product Net Height	88 mm
Product Net Depth / Length	76.7 mm
Product Net Weight	0.15 kg

Ordering

Package Level 1 Units	box 1 piece
Package Level 1 Gross	165 g

Weight

E-Number (Finland)	3211207
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Certificates and Declarations

CQC Certificate	9AKK107680A1975
Declaration	2CTC432056G1701
Declaration of Conformity - CE	9AKK108466A4617
EAC Certificate	2CTC436008G1701

Installation

Instructions and Manuals	2CTC431030M1701
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Popular Downloads

Data Sheet, Technical Information	2CTC431042D0201
Mechanical Drawings	2CTC800015F1500.pdf 2CTC800015F1501.dxf 2CTC800015F1502.stp 2CTC800015F1503.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

Categories

Low Voltage Products and Systems → Modular DIN Rail Products → Surge Protective Devices SPDs → Surge Protective Devices SPD
Class I → Type T1 - T2 12.5kA

