

PRODUCT-DETAILS

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

## 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	OVR T1-T2 1N 12.5-275s P TS QS 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 Rating DC	350 V
Voltage Protection Level ( $U_p$ )	(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 (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 $\mu$ s) 12.5 kA I (total, 10 / 350 $\mu$ s) 25 kA
Lightning Impulse Current	12,5
Short Circuit Withstand I <sub>cc</sub>	100 kA
Follow Current Extinction Capacity I <sub>f</sub> (I <sub>fi</sub> )	(L-N) - kA (N-PE) 0.1 kA
Power Loss	37 mW
Short-Circuit Protective Devices	Curve B Breakers $\leq$ 125 A Curve C Breakers $\leq$ 125 A gL Type Fuses $\leq$ 160 A gG Type Fuses $\leq$ 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

## 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	2
Product Net Width	35.6 mm
Product Net Height	95.8 mm
Product Net Depth /	76.7 mm

Length

Product Net Weight	0.3 kg
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## Ordering

Package Level 1 Units	box 1 piece
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Package Level 1 Gross Weight	0.300 kg
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## Certificates and Declarations

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

Instructions and Manuals	2CTC431030M1701
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## Popular Downloads

Data Sheet, Technical Information	2CTC431036D0201
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Mechanical Drawings	2CTC800015F0900.pdf 2CTC800015F0901.dxf 2CTC800015F0902.stp 2CTC800015F0903.igs
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## Classifications

ETIM 8	EC001457 - Combined arrester for power supply systems
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ETIM 9	EC001457 - Combined arrester for power supply systems
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WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
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WEEE B2C / B2B	Business To Business
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CN8	85363090
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eClass	V11.0 : 27130808
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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 → Type T1 - T2 12.5kA

