

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	B752489

### Technical

Type of Low Voltage Distribution System	TT TN-S
Nominal AC Voltage of the System ( $U_0$ )	230 / 400 V
Number of Protected Poles	2
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 $\mu$ s) 12.5 kA I (total, 10 / 350 $\mu$ s) 25 kA
Maximum Continuous Operating Voltage ( $U_c$ )	(L-PE) 275 V (L-L) - 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 $\leq$ 125 A Curve C Breakers $\leq$ 125 A gL Type Fuses $\leq$ 160 A gG Type Fuses $\leq$ 160 A
Auxiliary Circuit Load	Minimum 12Vdc - 10mA Maximum 250Vac - 1A
Power Loss	37 mW
Product Name	Surge Protective Device
Suitable For	To protect the systems against the transient overvoltage (lightning)

## Dimensions

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

## Container Information

Package Level 1 Units	1 piece
Package Level 1 Width	117 mm
Package Level 1 Depth / Length	41 mm
Package Level 1 Height	82 mm
Package Level 1 Gross Weight	320 g
Package Level 1 EAN	3660308524898

## Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85363090

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### Certificates and Declarations (Document Number)

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CQC Certificate	9AKK107680A1975
Declaration	2CTC432056G1701
Declaration of Conformity - CE	2CTC436004G1701
EAC Certificate	2CTC436008G1701
Instructions and Manuals	2CTC431030M1701

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### Popular Downloads

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Data Sheet, Technical Information	2CTC431036D0201
Instructions and Manuals	2CTC431030M1701
Mechanical Drawings	2CTC800015F0900.pdf 2CTC800015F0901.dxf 2CTC800015F0902.stp 2CTC800015F0903.igs

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### Classifications

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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

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### Categories

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

