

PRODUCT-DETAILS

# OVR T2-T3 3N 20-275 P QS

## OVR T2-T3 3N 20-275 P QS Surge Protective Device



### General Information

Extended Product Type	OVR T2-T3 3N 20-275 P QS
Product ID	2CTB803973R1200
EAN	3660308519924
Catalog Description	OVR T2-T3 3N 20-275 P QS Surge Protective Device
Long Description	OVR T2-T3 3N 20-275 P 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)
Rated Voltage ( $U_r$ )	400 V AC
Nominal AC Voltage of the System ( $U_o$ )	230 / 400 V
Voltage Rating DC	350 V
Voltage Protection Level ( $U_p$ )	1.4 kV (L-N) 1.8 kV (N-PE) 1.4 kV
Maximum Continuous Operating Voltage ( $U_c$ )	(L-PE) 275 V
Temporary Overvoltage	(L-N) 337 V

Test Value (U <sub>T</sub> )	(N-PE) 1200 V
Rated Service Short-Circuit Breaking Capacity (I <sub>CS</sub> )	100 kA
Discharge Current	Nominal (8 / 20 μs) 5 kA I (max, 8 / 20 μs) 5 kA
Impulse Current	I (imp, 10 / 350 μs) 2 kA
Short Circuit Withstand I <sub>cc</sub>	100 kA
Power Loss	29 mW
Arrester Class	II III
Number of Protected Poles	4
Number of Poles	4
Number of Conductors	4
Position of Neutral Terminals	Right
Transmission Standard	Optic
Version	Plug-in
Mounting Type	DIN-Rail
Product Type	QS
Options Provided	Residential or other where accurate protection is needed.
Auxiliary Circuit Load	Minimum - Maximum -
Preventive Maintenance Feature	No
Status Indicator	Yes
Fuse Size	4 modular spacing

## Environmental

Degree of Protection	IP20
Maximum Operating Altitude Permissible	Without Derating 5000
RoHS Status	Following EU Directive 2011/65/EU
RoHS Information	9AKK108466A4410
Conflict Minerals Reporting Template (CMRT)	9AKK108468A3363

## Dimensions

Width in Number of Modular Spacings	4
Product Net Width	71.2 mm
Product Net Height	88 mm
Product Net Depth / Length	58 mm
Product Net Weight	0.48 kg

## Ordering

Package Level 1 Units	box 1 piece
Package Level 1 Gross Weight	500 g

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## Certificates and Declarations

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CB Certificate	2CTC432024G1701
CQC Certificate	9AKK107680A1974
Declaration	2CTC432056G1701
Declaration of Conformity - CE	9AKK108466A4410

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## Installation

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Instructions and Manuals	2CTC432096M1701
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## Popular Downloads

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Data Sheet, Technical Information	2CTC432244D0201
Mechanical Drawings	2CTC800021F1300.pdf 2CTC800021F1301.dxf 2CTC800021F1302.stp 2CTC800021F1303.igs

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## Classifications

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ETIM 8	EC000941 - Surge protection device for power supply systems
ETIM 9	EC000941 - Surge protection device for power supply systems
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
WEEE B2C / B2B	Business To Consumer
CN8	85363090
eClass	V11.0 : 27130805
Object Classification Code	141ECC

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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 II → Type T2 - T3 20kA

