



PRODUCT-DETAILS

OVR T2-T3 1N 20-275 P QS

OVR T2-T3 1N 20-275 P QS Surge Protective Device



General Information	
Extended Product Type	OVR T2-T3 1N 20-275 P QS
Product ID	2CTB803972R1200
EAN	3660308519689
Catalog Description	OVR T2-T3 1N 20-275 P QS Surge Protective Device
Long Description	OVR T2-T3 1N 20-275 P QS Surge Protective Device

ABB EcoSolutions	
Environmental Product Declaration - EPD	9AKK108468A7418

Technical	
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

Maximum Continuous Operating Voltage (U_c)	(L-PE) 275 V
Temporary Overvoltage Test Value (U_T)	(L-N) 337 V (N-PE) 1200 V
Rated Service Short-Circuit Breaking Capacity (I_{cs})	100 kA
Discharge Current	Nominal (8 / 20 μ s) 5 kA I (max, 8 / 20 μ s) 20 kA
Impulse Current	I (imp, 10 / 350 μ s) 2 kA
Short Circuit Withstand I_{cc}	100 kA
Arrester Class	II III
Number of Protected Poles	2
Number of Poles	2P
Number of Conductors	2
Position of Neutral Terminals	Right
Transmission Standard	Optic
Version	Plug-in
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	2 modular spacing
Cross-Section (A_{cross})	Maximum Conductor Solid-Stranded 25 mm ² Maximum Conductor Flexible 16 mm ²

Electrical

Rated Voltage (U_r)	400 V AC
Voltage Protection Level (U_p)	1.4 kV (L-N) 0.9 kV (N-PE) 1.4 kV
Power Loss	Total 17 mW

Material Compliance

RoHS Declaration	9AKK108466A4410
RoHS Information	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
RoHS Date	20230707
REACH Declaration	9AKK107492A1906
REACH Information	False - does not contain substances > 0.1 mass percentage
REACH Date	20231212
Conflict Minerals Reporting Template (CMRT)	9AKK108468A3363
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
WEEE B2C / B2B	Business To Consumer

Environmental

Degree of Protection	IP20
Maximum Operating Altitude Permissible	Without Derating 5000

Dimensions

Width in Number of Modular Spacings	2
Product Net Width	35.6 mm
Product Net Height	88 mm
Product Net Depth / Length	58 mm
Product Net Weight	0.24 kg

Engineering

EPLAN Data	9AAC183886_EPLAN
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Ordering

Package Level 1 Units	box 1 piece
Package Level 1 Gross Weight	250 g
E-Number (Finland)	3217669
E-Number (Norway)	1672335

Certificates and Declarations

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

Installation

Instructions and Manuals	2CTC432096M1701
Mounting Type	DIN-Rail

Popular Downloads

Data Sheet, Technical Information	2CTC432218D0201
Mechanical Drawings	2CTC800021F1100.pdf 2CTC800021F1101.dxf 2CTC800021F1102.stp 2CTC800021F1103.igs

External Classifications and Standards

ETIM 9	EC000941 - Surge protection device for power supply systems
ETIM 10	EC000941 - Surge protection device for power supply systems
UNSPSC	39121610
eClass	V11.0 : 27130805
Object Classification Code	141ECC
Standards	IEC 61643-11 / EN 61643-11

Categories

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

