



PRODUCT-DETAILS

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

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



General Information	
Extended Product Type	OVR T2-T3 3N 20-275 P TS QS
Product ID	2CTB803973R1600
EAN	3660308520692
Catalog Description	OVR T2-T3 3N 20-275 P TS QS Surge Protective Device
Long Description	OVR T2-T3 3N 20-275 P TS 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 μs) 5 kA I (max, 8 / 20 μs) 20 kA
Impulse Current	I (imp, 10 / 350 μs) 2 kA
Short Circuit Withstand I _{cc}	100 kA
Arrester Class	II III
Number of Protected Poles	4
Number of Auxiliary Contacts NC	1
Number of Auxiliary Contacts NO	1
Number of Poles	4P
Number of Conductors	4
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 12Vdc - 10mA Maximum 250Vac - 1A
Preventive Maintenance Feature	No
Status Indicator	Yes
Fuse Size	4 modular spacing

Electrical

Rated Voltage (U _r)	400 V AC
Voltage Protection Level (U _p)	1.5 kV (L-N) 1.4 kV (N-PE) 1.4 kV
Power Loss	29 mW

Material Compliance

RoHS Information	9AKK108466A4410
RoHS Status	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
SCIP	eb870ea9-6bc9-4c32-80f0-da19296d1169 Bulgaria
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	4
Product Net Width	71.2 mm
Product Net Height	95 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
E-Number (Finland)	3217630
E-Number (Norway)	1672352

Certificates and Declarations	
CB Certificate	2CTC432057G1701
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	2CTC432274D0201
Mechanical Drawings	2CTC800021F1400.pdf 2CTC800021F1401.dxf 2CTC800021F1402.stp 2CTC800021F1403.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
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

