



 PRODUCT-DETAILS

OVR T1-T2 12.5-275s P QS

Surge Protective Device



General Information

Extended Product Type	OVR T1-T2 12.5-275s P QS
Product ID	2CTB815710R1200
EAN	3660308524959
Catalog Description	Surge Protective Device
Long Description	OVR T1-T2 12.5-275s P QS Surge Protective Device

ABB EcoSolutions

Environmental Product Declaration - EPD	9AKK108468A7418
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Technical

Type of Low Voltage Distribution System	TT TN-C TN-S
Suitable For	To protect the systems against the transient overvoltage (lightning)
Nominal AC Voltage of	230 / 400 V

the System (U_o)

Voltage Protection Level (U _p)	(L-N) 1.4 kV (N-PE) - kV (L-PE) 1.4 kV
Maximum Continuous Operating Voltage (U _c)	(L-PE) 275 V (L-L) 275 V (L-N) 275 V (N-PE) - V
Temporary Overvoltage Test Value (U _T)	337 V
Discharge Current	Nominal 20 kA Maximum 80 kA Total 80 kA
Impulse Current	I (imp, 10 / 350 μs) 12.5 kA
Lightning Impulse Current	12,5
Short Circuit Withstand I _{cc}	100 kA
Follow Current Extinction Capacity I _f (I _{fi})	(L-N) - kA (N-PE) - kA
Power Loss	37 mW
Short-Circuit Protective Devices	Curve B Breakers ≤ 125 A Curve C Breakers ≤ 125 A gL Type Fuses ≤ 160 A gG Type Fuses ≤ 160 A
Arrester Class	I II
Number of Protected Poles	1
Number of Poles	1P
Version	Plug-in
Mounting Type	DIN-Rail
Product Type	QS
Options Provided	Industry, commercial building
Preventive Maintenance Feature	Yes
Status Indicator	Yes
Fuse Size	1 modular spacing

Material Compliance

RoHS Information	9AKK108466A4617
RoHS Status	Following EU Directive 2011/65/EU
RoHS Date	20220317
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 Business

Environmental

Degree of Protection	IP20
Maximum Operating	Without Derating 5000

Altitude Permissible

Dimensions

Width in Number of Modular Spacings	1
Product Net Width	17.8 mm
Product Net Height	88 mm
Product Net Depth / Length	76.7 mm
Product Net Weight	0.15 kg

Ordering

Package Level 1 Units	box 1 piece
Package Level 1 Gross Weight	165 g
E-Number (Finland)	3211207

Certificates and Declarations

CQC Certificate	9AKK107680A1975
Declaration	2CTC432056G1701
Declaration of Conformity - CE	9AKK108466A4617

Installation

Instructions and Manuals	2CTC431030M1701
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Popular Downloads

Data Sheet, Technical Information	2CTC431042D0201
Mechanical Drawings	2CTC800015F1500.pdf 2CTC800015F1501.dxf 2CTC800015F1502.stp 2CTC800015F1503.igs

External Classifications and Standards

ETIM 8	EC001457 - Combined arrester for power supply systems
ETIM 9	EC001457 - Combined arrester for power supply systems
eClass	V11.0 : 27130808
Object Classification Code	141BCC
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 I

