



PRODUCT-DETAILS

OVR T1-T2 3L 12.5-440s P TS QS

OVR T1-T2 3L 12.5-440s P TS QS Surge Protective Device



General Information	
Extended Product Type	OVR T1-T2 3L 12.5-440s P TS QS
Product ID	2CTB815710R3500
EAN	3660308525086
Catalog Description	OVR T1-T2 3L 12.5-440s P TS QS Surge Protective Device
Long Description	OVR T1-T2 3L 12.5-440s P TS QS Surge Protective Device

ABB EcoSolutions	
Environmental Product Declaration - EPD	9AKK108468A7418

Technical	
Type of Low Voltage Distribution System	TN-C IT
Suitable For	To protect the systems against the transient overvoltage (lightning)
Nominal AC Voltage of the System (U _o)	400 / 690 V

Maximum Continuous Operating Voltage (U _c)	(L-PE) 440 V (L-L) 760 V (L-N) - V (N-PE) - V
Temporary Overvoltage Test Value (U _T)	581 V
Discharge Current	Nominal 20 kA Maximum 80 kA Total 240 kA
Impulse Current	I (imp, 10 / 350 μs) 12.5 kA I (total, 10 / 350 μs) 37.5 kA
Lightning Impulse Current	12.5 kA
Short Circuit Withstand I _{cc}	100 kA
Follow Current Extinction Capacity If (I _{fi})	(L-N) - kA (N-PE) - kA
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	3
Number of Auxiliary Contacts NC	1
Number of Auxiliary Contacts NO	1
Number of Poles	3P
Version	Plug-in
Product Type	QS
Options Provided	Industry, commercial building
Auxiliary Circuit Load	Minimum 12Vdc - 10mA Maximum 250Vac - 1A
Preventive Maintenance Feature	Yes
Status Indicator	Yes
Fuse Size	6 modular spacing

Electrical

Voltage Protection Level (U _p)	(L-N) - kV (N-PE) - kV (L-PE) 2 kV
Power Loss	Total 121 mW

Material Compliance

RoHS Declaration	9AKK108466A4617
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

SCIP	eb870ea9-6bc9-4c32-80f0-da19296d1169 Bulgaria
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 Altitude Permissible	Without Derating 5000

Dimensions

Width in Number of Modular Spacings	6
Product Net Width	106.8 mm
Product Net Height	95.8 mm
Product Net Depth / Length	76.7 mm
Product Net Weight	0.9 kg

Ordering

Package Level 1 Units	box 1 piece
Package Level 1 Gross Weight	945 g
E-Number (Norway)	1623936

Certificates and Declarations

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

Installation

Instructions and Manuals	2CTC431030M1701
Mounting Type	DIN-Rail

Popular Downloads

Data Sheet, Technical Information	2CTC431053D0201
Mechanical Drawings	2CTC800015F2600.pdf 2CTC800015F2601.dxf 2CTC800015F2602.stp 2CTC800015F2603.igs

External Classifications and Standards

ETIM 9	EC001457 - Combined arrester for power supply systems
ETIM 10	EC001457 - Combined arrester for power supply systems

UNSPSC	39121610
eClass	V11.0 : 27130808
Object Classification Code	141BEC
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

