PRODUCT-DETAILS

OVR T1-T2 4L 12.5-275s P QS

OVR T1-T2 4L 12.5-275s P QS Surge Protective Device

Submitted by TECO Group

General Information

Extended Product Type	OVR T1-T2 4L 12.5-275s P QS
Product ID	2CTB815710R2300
EAN	3660308525017
Catalog Description	OVR T1-T2 4L 12.5-275s P QS Surge Protective Device
Long Description	OVR T1-T2 4L 12.5-275s P QS Surge Protective Device

ABB EcoSolutions

Environmental Product Declaration - EPD	9AKK108468A7418

Technical

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

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Maximum Continuous Operating Voltage (U_c)	(L-PE) 275 V (L-L) 440 V (L-N) 440 V (N-PE) 275 V
Temporary Overvoltage Test Value (U_T)	337 V
Discharge Current	Nominal 20 kA Maximum 80 kA Total 320 kA
Impulse Current	I (imp, 10 / 350 µs) 12.5 kA I (total, 10 / 350 µs) 50 kA
Lightning Impulse Current	12.5 kA
Short Circuit Withstand Icc	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	4
Number of Poles	4P
Position of Neutral Terminals	Right
Version	Plug-in
Product Type	QS
Options Provided	Industry, commercial building
Preventive Maintenance Feature	Yes
Status Indicator	Yes
Fuse Size	4 modular spacing

Electrical

Voltage Protection Level (Up)	(L-N) 2.8 kV (N-PE) 1.4 kV (L-PE) 1.4 kV
Power Loss	63 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
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
WEEE B2C / B2B	Business To Business

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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	88 mm
Product Net Depth / Length	76.7 mm
Product Net Weight	0.6 kg

Ordering

Package Level 1 Units	box 1 piece
Package Level 1 Gross Weight	0.600 kg
E-Number (Finland)	3217623

Certificates and Declarations

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

Installation

Instructions and Manuals	2CTC431030M1701
Mounting Type	DIN-Rail

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Popular Downloads

Data Sheet, Technical Information	2CTC431048D0201
Mechanical Drawings	2CTC800015F2100.pdf 2CTC800015F2101.dxf 2CTC800015F2102.stp 2CTC800015F2103.igs

External Classifications and Standards

ETIM 9	EC001457 - Combined arrester for power supply systems
ETIM 10	EC001457 - Combined arrester for power supply systems
eClass	V11.0 : 27130808
Object Classification Code	141BCC
Standards	IEC 61643-11 / EN 61643-11

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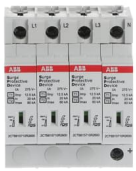
Categories

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



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