



 PRODUCT-DETAILS

OVR T2 40-275

OVR T2 40-275 Surge Protective Device



General Information

Extended Product Type:	OVR T2 40-275
Product ID:	2CTB804201R0100
EAN:	3660308514103
Catalog Description:	OVR T2 40-275 Surge Protective Device
Long Description:	OVR T2 40-275 - Surge Protective Device
Display Name:	OVR T2 40-275

ABB EcoSolutions

Environmental Product Declaration - EPD: 9AKK108472A1711

Technical

Type of Low Voltage Distribution System:	TN-S TN-C
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):	337 V
Rated Service Short-Circuit Breaking Capacity (I_{cs}):	50 kA
Discharge Current:	Nominal (8 / 20 μs) 20 kA I (max, 8 / 20 μs) 40 kA
Short Circuit Withstand I_{cc}:	50 kA
Arrester Class:	II
Number of Protected Poles:	1
Number of Poles:	1P
Transmission Standard:	Optic
Version:	Fixed
Options Provided:	Residential, commercial building.
Preventive Maintenance Feature:	No
Status Indicator:	Yes
Fuse Size:	1 modular spacing
Cross-Section (A_{cross}):	Maximum Conductor Solid-Stranded 25 mm ² Maximum Conductor Flexible 16 mm ²

Electrical

Voltage Protection Level (U_p):	1.4 kV (L-N) 1.4 kV
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Material Compliance

RoHS Declaration:	9AKK108467A2972
RoHS Information:	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
RoHS Date:	20230707
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
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Dimensions

Product Net Width:	17.8 mm
Product Net Height:	88 mm

Product Net Depth / Length: 58 mm

Product Net Weight: 0.12 kg

Engineering

EPLAN Data: 9AAC202828_EPLAN

Ordering

Package Level 1 Units: box 1 piece

Package Level 1 Gross Weight: 150 g

E-Number (Sweden): 5273547

Certificates and Declarations

Declaration of Conformity - CE: 9AKK108467A2972

Installation

Instructions and Manuals: 2CTC432018M1701

Mounting Type: DIN-Rail

Popular Downloads

Data Sheet, Technical Information: 2CTC432085D1701

Mechanical Drawings: 2CTC800025F0100.pdf
2CTC800025F0101.dxf
2CTC800025F0102.stp
2CTC800025F0103.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

IDEA Granular Category Code (IGCC): 4906 >> Surge suppressers

Object Classification Code: 141DCC

Standards: IEC 61643-1:2005

Categories

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

