



 PRODUCT-DETAILS

OVR T2 3L 40-320 P U

Surge Protective Device



General Information

Extended Product Type	OVR T2 3L 40-320 P U
Product ID	2CTB802345R2400
EAN	3660308527158
Catalog Description	Surge Protective Device
Long Description	<p>Type 4 UL (Type 2 IEC) SPD's are designed to discharge the currents generated by indirect lightning strikes causing induced or conducted overvoltages on the power distribution network.</p> <p>They are characterized by an 8/20μs waveform (Imax). Higher is the Imax, more powerful they are.</p> <p>They are installed in the main distribution switchboard but also in sub-distribution board.</p> <p>They have a low residual voltage Uo often compatible with the withstand voltage of the equipment to protect. If this is not the case or the cable length to the equipment is longer than 10m, another level of coordination with OVR T2 will be needed.</p>

Technical

Standards	UL 1449 Ed3
Nominal AC Voltage of the System (U _o)	(L-PE) - V (L-N) - V

	(N-PE) - V (L-L) 277 V
Voltage Protection Level (Up)	1 kV
Discharge Current	Nominal (8 / 20 μ s) 20 kA I (max, 8 / 20 μ s) 40 kA I (total, 8 / 20 μ s) 120 kA
Lightning Impulse Current	20
Short Circuit Withstand Icc	200 kA
Frequency (f)	45 ... 65 Hz
Arrester Class	II
Number of Protected Poles	3
Number of Poles	3P
Version	Plug-in
Mounting Type	DIN-Rail
Protection Type	In parallel
Options Provided	Residential, commercial building.
Preventive Maintenance Feature	No
Status Indicator	Yes
Fuse Size	3 modular spacing

Material Compliance

RoHS Information	9AKK108466A4967
RoHS Status	Following EU Directive 2011/65/EU
RoHS Date	20220610
Conflict Minerals Reporting Template (CMRT)	9AKK108468A3363

Environmental

Ambient Air Temperature	Operation -40 ... +80 °C Storage -40 ... +80 °C
Degree of Protection	IP20
Maximum Operating Altitude Permissible	Without Derating 5000

Technical UL/CSA

Maximum Continuous Operating Voltage UL/CSA (MCOV)	(L-PE) 350 kA
Voltage Protection Rating UL/CSA (VPR)	1 kV
Type of Low Voltage Distribution System UL/CSA	Wye

Dimensions

Width in Number of	3
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Modular Spacings

Product Net Width	53.4 mm
Product Net Height	88 mm
Product Net Depth / Length	58 mm
Product Net Weight	0.36 kg

Ordering

Package Level 1 Units	box 1 piece
Package Level 1 Gross Weight	400 g

Certificates and Declarations

Declaration of Conformity - CE	9AKK108466A4967
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Installation

Instructions and Manuals	2CTC432094M1701
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Popular Downloads

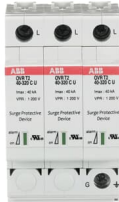
Data Sheet, Technical Information	2CTC432393D21
Mechanical Drawings	2CTC800020F3400.pdf 2CTC800020F3401.dxf 2CTC800020F3402.stp 2CTC800020F3403.igs

Classifications

ETIM 8	EC001457 - Combined arrester for power supply systems
ETIM 9	EC001457 - Combined arrester for power supply systems
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
WEEE B2C / B2B	Business To Business
CN8	85363090
UNSPSC	39121610
eClass	V11.0 : 27130808
IDEA Granular Category Code (IGCC)	4906 >> Surge suppressers
Object Classification Code	141DEC

Categories

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



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