PRODUCT-DETAILS

OVR T1-T2 3L 75-255 P TS

OVR T1-T2 3L 75-255 P TS Surge Protective Device



General Information

Extended Product Type	OVR T1-T2 3L 75-255 P TS
Product ID	2CTB812751R2300
EAN	4053546114621
Catalog Description	OVR T1-T2 3L 75-255 P TS Surge Protective Device
Long Description	OVR T1-T2 3L 75-255 P TS Surge Protective Device

Technical

Type of Low Voltage Distribution System	TN-C
Nominal AC Voltage of the System (U_o)	235 … 400 V
Maximum Continuous Operating Voltage (U_c)	(L-PE) 264 V (L-N) - V (N-PE) - V
Temporary Overvoltage Test Value (U_T)	(L-N) 440/120min V
Rated Service Short-Circuit Breaking	100 kA

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Capacity (I_{cs})	
Discharge Current	Nominal (8 / 20 µs) 25 kA I (max, 8 / 20 µs) 60 kA I (total, 10 / 350 µs) 75 kA
Impulse Current	I (imp, 10 / 350 µs) 25 kA I (total, 10 / 350 µs) 75 kA
Short Circuit Withstand Icc	100 kA
Follow Current Extinction Capacity If (I fi)	(L-N) 50 kA
Short-Circuit Protective Devices	gG Type Fuses 315 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
Number of Conductors	4
Version	Plug-in
Auxiliary Circuit Load	Minimum 75Vdc - 500mA Maximum 250Vac - 500mA
Status Indicator	Yes
Number of Batteries	0

Electrical

Voltage Protection Level (Up)	(L-N) 1.5 kV (N-PE) - kV (L-PE) 1.5 kV
Frequency (f)	45…65 Hz

Technical UL/CSA

Maximum Continuous Operating Voltage UL/CSA (MCOV)	(L-PE) 255 V (L-L) 510 V (L-N) - V (N-PE) - V
Voltage Protection Rating UL/CSA (VPR)	Lpe 1500 V Ll - V Ln - V Npe 2500 V
Type of Low Voltage Distribution System UL/CSA	Delta & HRG Wye

Material Compliance

RoHS Declaration	9AKK108467A9302
RoHS Information	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
RoHS Date	20230322
REACH Declaration	9AKK107492A1906
REACH Information	False - does not contain substances > 0.1 mass percentage
REACH Date	20231212

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Conflict Minerals Reporting Template (CMRT)	9AKK108468A3363
SCIP	93d44a9d-0c75-438d-ba7a-36717b6ba4e6 Germany
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
WEEE B2C / B2B	Business To Consumer

Environmental

Ambient Air Temperature	Operation -40 ... +70 °C Storage -40 ... +80 °C
Maximum Operating Altitude Permissible	Without Derating 2000 m

Dimensions

Width in Number of Modular Spacings	6
Product Net Width	108 mm
Product Net Height	90 mm
Product Net Depth / Length	73 mm
Product Net Weight	0.9 kg

Ordering

Package Level 1 Units	box 1 piece
Package Level 1 Gross Weight	1.02 kg
E-Number (Finland)	3217682
E-Number (Norway)	1629995

Certificates and Declarations

Declaration	9AKK108467A9390
Declaration of Conformity - CE	9AKK108467A9302
KEMA Certificate	9AKK108468A0509
UL Certificate	9AKK108468A0504
VDE Certificate	9AKK108468A0510

Installation

Instructions and Manuals	9AKK108467A8847
Mounting Type	DIN-Rail

Popular Downloads

Data Sheet, Technical Information	9AKK108467A5402
Mechanical Drawings	9AKK108467A9589 9AKK108467A8858 9AKK108467A8859

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9AKK108467A8860
9AKK108467A8861
9AKK108467A9027

External Classifications and Standards

ETIM 9	EC001457 - Combined arrester for power supply systems
ETIM 10	EC001457 - Combined arrester for power supply systems
UNSPSC	39-12-16-02
Standards	IEC 61643-11 EN 61643-11 UL 1449 5thEd

Categories

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



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