PRODUCT-DETAILS

OVR T1-T2 1N 50-255 P TS

OVR T1-T2 1N 50-255 P TS Surge Protective Device



General Information

Extended Product Type	OVR T1-T2 1N 50-255 P TS
Product ID	2CTB812511R2300
EAN	4053546114614
Catalog Description	OVR T1-T2 1N 50-255 P TS Surge Protective Device
Long Description	OVR T1-T2 1N 50-255 P TS Surge Protective Device

Technical

Type of Low Voltage Distribution System	TT TN-S
Nominal AC Voltage of the System (U_o)	238 … 400 V
Maximum Continuous Operating Voltage (U_c)	(L-PE) 264 V (L-N) 264 V (N-PE) 255 V
Temporary Overvoltage Test Value (U_T)	(L-N) 440/120min V (N-PE) 1200/200ms 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) 50 kA
Impulse Current	I (imp, 10 / 350 µs) 25 kA I (total, 10 / 350 µs) 50 kA
Short Circuit Withstand Icc	100 kA
Follow Current Extinction Capacity If (I fi)	(L-N) 50 kA (N-PE) 50 kA
Short-Circuit Protective Devices	gG Type Fuses 315 A
Arrester Class	I II
Number of Protected Poles	2
Number of Auxiliary Contacts NC	1
Number of Auxiliary Contacts NO	1
Number of Poles	2P
Number of Conductors	3
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) 1.5 kV (L-PE) - kV
Frequency (f)	45…65 Hz

Technical UL/CSA

Maximum Continuous Operating Voltage UL/CSA (MCOV)	(L-PE) 255 V (L-L) - V (L-N) 255 V (N-PE) 255 V
Voltage Protection Rating UL/CSA (VPR)	Lpe 4000 V Ll - V Ln 1500 V Npe 3000 V
Type of Low Voltage Distribution System UL/CSA	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	2a74bdff-4adb-43ce-b334-09561e33aa16 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	4
Product Net Width	72 mm
Product Net Height	90 mm
Product Net Depth / Length	73 mm
Product Net Weight	0.6 kg
Dimension Diagram	9AKK108467A9588

Ordering

Package Level 1 Units	box 1 piece
Package Level 1 Gross Weight	0.68 kg
E-Number (Norway)	1629993

Certificates and Declarations

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

Installation

Instructions and Manuals	9AKK108467A8850
Mounting Type	DIN-Rail

Popular Downloads

Data Sheet, Technical Information	9AKK108467A5402
Mechanical Drawings	9AKK108467A9588 9AKK108467A8853 9AKK108467A8854

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9AKK108467A8855
9AKK108467A8856
9AKK108467A8857

External Classifications and Standards

ETIM 9	EC001457 - Combined arrester for power supply systems
ETIM 10	EC001457 - Combined arrester for power supply systems
UNSPSC	39-12-16-01
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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