PRODUCT-DETAILS

OVR T1-T2 N 50-255 C

OVR T1-T2 N 50-255 C Surge Protective Device



General Information

Extended Product Type	OVR T1-T2 N 50-255 C
Product ID	2CTB812522R2300
EAN	4053546114652
Catalog Description	OVR T1-T2 N 50-255 C Surge Protective Device
Long Description	OVR T1-T2 N 50-255 C Surge Protective Device

Technical

Type of Low Voltage Distribution System	TT TN-S
Nominal AC Voltage of the System (U_o)	239 … 400 V
Maximum Continuous Operating Voltage (U_c)	(L-PE) - V (L-N) - V (N-PE) 255 V
Temporary Overvoltage Test Value (U_T)	(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) - kA I (total, 10 / 350 µs) 50 kA
Short Circuit Withstand Icc	100 kA
Follow Current Extinction Capacity If (I fi)	(N-PE) 50 kA
Short-Circuit Protective Devices	gG Type Fuses 315 A
Arrester Class	I II
Number of Protected Poles	1
Number of Poles	1P
Version	Plug-in
Number of Batteries	0

Electrical

Frequency (f)	45…65 Hz

Technical UL/CSA

Maximum Continuous Operating Voltage UL/CSA (MCOV)	(L-PE) - V (L-L) - V (L-N) - V (N-PE) 255 V
Type of Low Voltage Distribution System UL/CSA	Single Phase

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
Conflict Minerals Reporting Template (CMRT)	9AKK108468A3363
SCIP	779d27fa-a005-4fd2-9440-f357bf1752d7 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

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Dimensions

Width in Number of Modular Spacings	2
Product Net Width	36 mm
Product Net Height	45 mm
Product Net Depth / Length	61 mm
Product Net Weight	0.24 kg
Dimension Diagram	9AKK108467A9591

Ordering

Package Level 1 Units	box 1 piece
Package Level 1 Gross Weight	0.27 kg
E-Number (Finland)	3217688
E-Number (Norway)	1629996

Certificates and Declarations

Declaration	9AKK108467A9390
Declaration of Conformity - CE	9AKK108467A9302
UL Certificate	9AKK108468A0504

Installation

Instructions and Manuals	9AKK108467A8850
Mounting Type	DIN-Rail

Popular Downloads

Data Sheet, Technical Information	9AKK108467A5402
Mechanical Drawings	9AKK108467A9591 9AKK108467A8852

External Classifications and Standards

ETIM 9	EC001457 - Combined arrester for power supply systems
ETIM 10	EC001457 - Combined arrester for power supply systems
UNSPSC	39-12-16-05
Standards	IEC 61643-11 EN 61643-11 UL 1449 5thEd

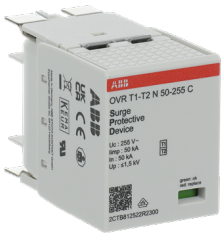
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Categories

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









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