



PRODUCT-DETAILS

OVR T1-T2 3N 100-255 P TS

OVR T1-T2 3N 100-255 P TS Surge Protective Device



General Information	
Extended Product Type	OVR T1-T2 3N 100-255 P TS
Product ID	2CTB812111R2300
EAN	4053546114645
Catalog Description	OVR T1-T2 3N 100-255 P TS Surge Protective Device
Long Description	OVR T1-T2 3N 100-255 P TS Surge Protective Device

Technical	
Standards	IEC 61643-11 EN 61643-11 UL 1449 5thEd
Type of Low Voltage Distribution System	TT TN-S
Nominal AC Voltage of the System (U _o)	236 ... 400 V
Voltage Protection Level (U _p)	(L-N) 1.5 kV (N-PE) 1.5 kV (L-PE) 1.5 kV
Maximum Continuous	(L-PE) 264 V

Operating Voltage (U _c)	(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 Capacity (I _{cs})	100 kA
Discharge Current	Nominal (8 / 20 μs) 25 kA I (max, 8 / 20 μs) 60 kA I (total, 10 / 350 μs) 100 kA
Impulse Current	I (imp, 10 / 350 μs) 25 kA I (total, 10 / 350 μs) 100 kA
Short Circuit Withstand I _{cc}	100 kA
Follow Current Extinction Capacity If (I _{fi})	(L-N) 50 kA (N-PE) 50 kA
Frequency (f)	45...65 Hz
Short-Circuit Protective Devices	gG Type Fuses 315 A
Arrester Class	I II
Number of Protected Poles	4
Number of Auxiliary Contacts NC	1
Number of Auxiliary Contacts NO	1
Number of Poles	4
Number of Conductors	5
Version	Plug-in
Mounting Type	DIN-Rail
Auxiliary Circuit Load	Minimum 75Vdc - 500mA Maximum 250Vac - 500mA
Status Indicator	Yes
Number of Batteries	0

Material Compliance

RoHS Information	9AKK108467A9302
RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
RoHS Date	20230322
Conflict Minerals Reporting Template (CMRT)	9AKK108468A3363

Environmental

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

Technical UL/CSA

Maximum Continuous Operating Voltage UL/CSA (MCOV)	(L-PE) 255 V (L-L) 510 V (L-N) 255 V
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	(N-PE) 255 V
Voltage Protection	Lpe 4000 V
Rating UL/CSA (VPR)	LI 2500 V
	Ln 1500 V
	Npe 3000 V
Type of Low Voltage	Wye
Distribution System	
UL/CSA	

Dimensions

Width in Number of Modular Spacings	8
Product Net Width	144 mm
Product Net Height	90 mm
Product Net Depth / Length	73 mm
Product Net Weight	1.2 kg

Ordering

Package Level 1 Units	box 1 piece
Package Level 1 Gross Weight	1.36 kg

Certificates and Declarations

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

Installation

Instructions and Manuals	9AKK108467A8849
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Popular Downloads

Data Sheet, Technical Information	9AKK108467A5402
Mechanical Drawings	9AKK108467A9590
	9AKK108467A8888
	9AKK108467A8887
	9AKK108467A8886
	9AKK108467A8870
	9AKK108467A8869

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 Consumer

CN8	85363090
UNSPSC	39-12-16-04

Categories

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



360°