

PRODUCT-DETAILS

OVR PV T1-T2 12.5-1000 P QS

OVR PV T1-T2 12.5-1000 P QS Surge Protective Device



General Information

Extended Product Type	OVR PV T1-T2 12.5-1000 P QS
Product ID	2CTB812120R1000
EAN	4053546034660
Catalog Description	OVR PV T1-T2 12.5-1000 P QS Surge Protective Device
Long Description	OVR PV T1-T2 12.5-1000 P QS Surge Protective Device

Technical

Standards	IEC 61 643-11 / EN 50539-11 / UL 1449 4th ed
Suitable For	To protect the systems against the transient overvoltage (lightning)
Rated Voltage (U_r)	1000 V DC
Voltage Rating DC	1000 V
Voltage Protection Level (U_p)	3.8 kV
Maximum Continuous Operating Voltage (U_c)	(L-PE) 1100 V (L-L) 1100 V (L-N) 0 V (N-PE) 0 V
Maximum Power Point (MPP) Voltage	1000 V
Rated Service Short-Circuit Breaking	11 kA

Capacity (I _{cs})	
Discharge Current	Nominal (8 / 20 μs) 20 kA I (max, 8 / 20 μs) 20 kA
Impulse Current	I (imp, 10 / 350 μs) 6.25 kA I (total, 10 / 350 μs) 12.5 kA
Short Circuit Withstand I _{cc}	11 kA
Arrester Class	I II
Number of Protected Poles	2
Number of Poles	3
Number of Conductors	2
Transmission Standard	Optic
Version	Plug-in
Mounting Type	DIN-Rail
Product Type	QS
Options Provided	Solar
Preventive Maintenance Feature	No
Status Indicator	Yes
Number of Batteries	0
Fuse Size	3 modular spacing

Environmental

Degree of Protection	IP20
Maximum Operating Altitude Permissible	Without Derating 4000 m
RoHS Status	Following EU Directive 2011/65/EU
RoHS Information	9AKK107991A6344
Conflict Minerals Reporting Template (CMRT)	9AKK108468A3363

Technical UL/CSA

Maximum Continuous Operating Voltage UL/CSA (MCOV)	(L-PE) 1100 V (L-L) 1100 V (L-N) 0 V (N-PE) 0 V
Voltage Protection Rating UL/CSA (VPR)	Lpe 2.5 kV LI 2.5 kV Ln 0 kV Npe 2.5 kV

Dimensions

Width in Number of Modular Spacings	3
Product Net Width	64 mm
Product Net Height	96 mm
Product Net Depth / Length	84 mm
Product Net Weight	0.453 kg

Ordering

Package Level 1 Units	box 1 piece
Package Level 1 Gross Weight	0.453 kg

Certificates and Declarations

Declaration of Conformity - CE	9AKK107991A6344
UL Certificate	2CTC431021G1701

Installation

Instructions and Manuals	2CTC431032M1701
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Popular Downloads

Data Sheet, Technical Information	2CTC431107D0201
Mechanical Drawings	2CTC812000F0100.pdf, 2CTC812000F0101.dxf, 2CTC812000F0102.stp, 2CTC812000F0103.igs

Classifications

ETIM 8	EC000941 - Surge protection device for power supply systems
ETIM 9	EC000941 - Surge protection device for power supply systems
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
WEEE B2C / B2B	Business To Business
CN8	8535 40 00
eClass	V11.0 : 27130805
Object Classification Code	141DCC

Categories

Low Voltage Products and Systems → Modular DIN Rail Products → Surge Protective Devices SPDs → Surge Protective Devices SPD Class I → PV Type T1-T2 12.5kA

