



PRODUCT-DETAILS

OVR PV T2 40-1000 P
 OVR PV T2 40-1000 P Surge Protective Device



General Information	
Extended Product Type	OVR PV T2 40-1000 P
Product ID	2CTB802400R1000
EAN	4053546050110
Catalog Description	OVR PV T2 40-1000 P Surge Protective Device
Long Description	OVR PV T2 40-1000 P Surge Protective Device

Technical	
Standards	IEC 61643-31 UL14419 Ed5
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 kV
Maximum Continuous Operating Voltage (U _c)	(L-PE) 1000 V (L-L) 1000 V (L-N) 0 V (N-PE) 0 V
Maximum Power Point (MPP) Voltage	1000 V

Rated Service Short-Circuit Breaking Capacity (I _{cs})	10 kA
Discharge Current	Nominal (8 / 20 μs) 20 kA I (max, 8 / 20 μs) 40 kA
Short Circuit Withstand I _{cc}	10 kA
Arrester Class	II
Number of Protected Poles	2
Number of Poles	3
Transmission Standard	Optic
Version	Plug-in
Mounting Type	DIN-Rail
Options Provided	Solar
Preventive Maintenance Feature	No
Status Indicator	Yes
Fuse Size	3 modular spacing

Material Compliance

RoHS Information	9AKK108466A0826
RoHS Status	Following EU Directive 2011/65/EU
RoHS Date	20220405
Conflict Minerals Reporting Template (CMRT)	9AKK108468A3363

Environmental

Degree of Protection	IP20
Maximum Operating Altitude Permissible	Without Derating 2000 m

Technical UL/CSA

Maximum Continuous Operating Voltage UL/CSA (MCOV)	(L-PE) 1000 V (L-L) 1000 V (L-N) 0 V (N-PE) 0 V
Voltage Protection Rating UL/CSA (VPR)	Lpe 3 kV LI 3 kV

Dimensions

Product Net Width	54 mm
Product Net Height	90 mm
Product Net Depth / Length	66 mm
Product Net Weight	0.3 kg

Ordering

Package Level 1 Units	box 1 piece
Package Level 1 Gross Weight	0.369 kg

Certificates and Declarations

Declaration of Conformity - CE	9AKK108466A0826
UL Certificate	9AKK108466A1952

Installation

Instructions and Manuals	9AKK107992A4589
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Popular Downloads

Data Sheet, Technical Information	9AKK107992A4590
Mechanical Drawings	9AKK108466A2019 9AKK108466A5300 9AKK108466A5301

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 Consumer
CN8	85363090
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 II

