PRODUCT-DETAILS

OVR PV T2 40-1500 P TS

OVR PV T2 40-1500 P TS Surge Protective Device



General Information

Extended Product Type	OVR PV T2 40-1500 P TS
Product ID	2CTB802401R1500
EAN	4053546050288
Catalog Description	OVR PV T2 40-1500 P TS Surge Protective Device
Long Description	OVR PV T2 40-1500 P TS Surge Protective Device

Technical

Suitable For	To protect the systems against the transient overvoltage (lightning)
Voltage Rating DC	1500 V
Maximum Continuous Operating Voltage (U_c)	(L-PE) 1500 V (L-L) 1500 V (L-N) 0 V (N-PE) 0 V
Maximum Power Point (MPP) Voltage	1500 V
Rated Service Short-Circuit Breaking Capacity (I_{cs})	10 kA

© 2025 ABB. All rights reserved.

Discharge Current	Nominal (8 / 20 µs) 20 kA I (max, 8 / 20 µs) 40 kA
Short Circuit Withstand Icc	10 kA
Arrester Class	II
Number of Protected Poles	2
Number of Auxiliary Contacts NO	1
Number of Poles	3P
Transmission Standard	Optic
Version	Plug-in
Options Provided	Solar
Preventive Maintenance Feature	No
Status Indicator	Yes
Fuse Size	3 modular spacing

Electrical

Rated Voltage (U_r)	15000 V DC
Voltage Protection Level (Up)	5 kV

Technical UL/CSA

Maximum Continuous Operating Voltage UL/CSA (MCOV)	(L-PE) 1500 V (L-L) 1500 V (L-N) 0 V (N-PE) 0 V
Voltage Protection Rating UL/CSA (VPR)	Lpe 4 kV Ll 4 kV

Material Compliance

RoHS Declaration	9AKK108466A0826
RoHS Information	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
RoHS Date	20230707
REACH Declaration	9AKK107492A1906
REACH Information	False - does not contain substances > 0.1 mass percentage
REACH Date	20231212
Conflict Minerals Reporting Template (CMRT)	9AKK108468A3363
SCIP	3d1123d6-0763-4896-ae33-c28d41ce08c2 Germany
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
WEEE B2C / B2B	Business To Consumer

Environmental

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

© 2025 ABB. All rights reserved.

Dimensions

Product Net Width	54 mm
Product Net Height	90 mm
Product Net Depth / Length	66 mm
Product Net Weight	0.329 kg

Ordering

Package Level 1 Units	box 1 piece
Package Level 1 Gross Weight	0.406 kg
E-Number (Norway)	1682469

Certificates and Declarations

Declaration of Conformity - CE	9AKK108466A0826
UL Certificate	9AKK108466A1952

Installation

Instructions and Manuals	9AKK107992A4589
Mounting Type	DIN-Rail

Popular Downloads

Data Sheet, Technical Information	9AKK107992A4593
Mechanical Drawings	9AKK108466A2018 9AKK108466A5300 9AKK108466A5301

External Classifications and Standards

ETIM 9	EC000941 - Surge protection device for power supply systems
ETIM 10	EC000941 - Surge protection device for power supply systems
eClass	V11.0 : 27130805
Object Classification Code	141DCC
Standards	IEC 61643-31 UL14419 Ed5

© 2025 ABB. All rights reserved.

Categories

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







© 2025 ABB. All rights reserved.