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 PRODUCT-DETAILS

# OVR PV T1-T2 5-1000 P QS

## OVR PV T1-T2 5-1000 P QS Surge Protective Device




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### General Information

<b>Extended Product Type:</b>	OVR PV T1-T2 5-1000 P QS
<b>Product ID:</b>	2CTB812050R1000
<b>EAN:</b>	4053546034615
<b>Catalog Description:</b>	OVR PV T1-T2 5-1000 P QS Surge Protective Device
<b>Long Description:</b>	OVR PV T1-T2 5-1000 P QS Surge Protective Device
<b>Display Name:</b>	OVR PV T1-T2 5-1000 P QS

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### Technical

<b>Suitable For:</b>	To protect the systems against the transient overvoltage (lightning)
<b>Voltage Rating DC:</b>	1000 V
<b>Maximum Continuous Operating Voltage (U<sub>c</sub>):</b>	(L-PE) 1100 V (L-L) 1100 V (L-N) 0 V (N-PE) 0 V
<b>Maximum Power Point (MPP) Voltage:</b>	1000 V

<b>Rated Service Short-Circuit Breaking Capacity (I<sub>cs</sub>):</b>	11 kA
<b>Discharge Current:</b>	Nominal (8 / 20 μs) 20 kA I (max, 8 / 20 μs) 40 kA I (total, 10 / 350 μs) 5 kA
<b>Impulse Current:</b>	I (imp, 10 / 350 μs) 5 kA I (total, 10 / 350 μs) 5 kA
<b>Short Circuit Withstand I<sub>cc</sub>:</b>	11 kA
<b>Arrester Class:</b>	I II
<b>Number of Protected Poles:</b>	2
<b>Number of Poles:</b>	3P
<b>Number of Conductors:</b>	2
<b>Transmission Standard:</b>	Optic
<b>Version:</b>	Plug-in
<b>Product Type:</b>	QS
<b>Options Provided:</b>	Solar
<b>Preventive Maintenance Feature:</b>	No
<b>Status Indicator:</b>	Yes
<b>Number of Batteries:</b>	0
<b>Fuse Size:</b>	3 modular spacing
<b>Cross-Section (A<sub>cross</sub>):</b>	Maximum Conductor Solid-Stranded 35 mm <sup>2</sup> Maximum Conductor Flexible 25 mm <sup>2</sup>

## Electrical

<b>Rated Voltage (U<sub>r</sub>):</b>	1000 V DC
<b>Voltage Protection Level (U<sub>p</sub>):</b>	3.8 kV

## Technical UL/CSA

<b>Maximum Continuous Operating Voltage UL/CSA (MCOV):</b>	(L-PE) 1100 V (L-L) 1100 V (L-N) 0 V (N-PE) 0 V
<b>Voltage Protection Rating UL/CSA (VPR):</b>	L <sub>pe</sub> 2.5 kV L <sub>I</sub> 2.5 kV L <sub>n</sub> 0 kV N <sub>pe</sub> 2.5 kV

## Material Compliance

<b>RoHS Declaration:</b>	9AKK107991A6344
<b>RoHS Information:</b>	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
<b>RoHS Date:</b>	20230707
<b>REACH Declaration:</b>	9AKK107492A1906
<b>REACH Information:</b>	False - does not contain substances > 0.1 mass percentage

<b>REACH Date:</b>	20231212
<b>Conflict Minerals Reporting Template (CMRT):</b>	9AKK108468A3363
<b>WEEE Category:</b>	5. Small Equipment (No External Dimension More Than 50 cm)
<b>WEEE B2C / B2B:</b>	Business To Business

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## Environmental

<b>Degree of Protection:</b>	IP20
<b>Maximum Operating Altitude Permissible:</b>	Without Derating 4000 m

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## Dimensions

<b>Width in Number of Modular Spacings:</b>	3
<b>Product Net Width:</b>	64 mm
<b>Product Net Height:</b>	96 mm
<b>Product Net Depth / Length:</b>	84 mm
<b>Product Net Weight:</b>	0.397 kg

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## Ordering

<b>Package Level 1 Units:</b>	box 1 piece
<b>Package Level 1 Gross Weight:</b>	0.397 kg

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## Certificates and Declarations

<b>Declaration of Conformity - CE:</b>	9AKK107991A6344
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## Installation

<b>Instructions and Manuals:</b>	2CTC431032M1701
<b>Mounting Type:</b>	DIN-Rail

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## Popular Downloads

<b>Data Sheet, Technical Information:</b>	2CTC431103D0201
<b>Mechanical Drawings:</b>	2CTC812000F0100 2CTC812000F0102 2CTC812000F0103

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## External Classifications and Standards

<b>ETIM 9:</b>	EC000941 - Surge protection device for power supply systems
<b>ETIM 10:</b>	EC000941 - Surge protection device for power supply systems
<b>UNSPSC:</b>	39121610
<b>eClass:</b>	V11.0 : 27130805
<b>Object Classification Code:</b>	141DCC
<b>Standards:</b>	IEC 61 643-11 / EN 50539-11

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## Categories

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

