

## PRODUCT-DETAILS

# OVR T1-T2 12.5-440s P QS

## OVR T1-T2 12.5-440s P QS Surge Protective Device



### General Information

|                       |                                                  |
|-----------------------|--------------------------------------------------|
| Extended Product Type | OVR T1-T2 12.5-440s P QS                         |
| Product ID            | 2CTB815710R4100                                  |
| EAN                   | 3660308525123                                    |
| Catalog Description   | OVR T1-T2 12.5-440s P QS Surge Protective Device |
| Long Description      | B752512                                          |

### Technical

|                                            |                            |
|--------------------------------------------|----------------------------|
| Type of Low Voltage Distribution System    | TT<br>TN-C<br>TN-S<br>IT   |
| Nominal AC Voltage of the System ( $U_o$ ) | 400 / 690 V                |
| Number of Protected Poles                  | 1                          |
| Arrester Class                             | I<br>II                    |
| Product Main Type                          | T1-T2                      |
| Standards                                  | IEC 61643-11 / EN 61643-11 |
| Product Type                               | QS                         |
| Version                                    | Plug-in                    |

|                                                                         |                                                                                                                            |
|-------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| Discharge Current                                                       | Nominal 20 kA<br>Maximum 80 kA<br>Total 80 kA                                                                              |
| Impulse Current                                                         | I (imp, 10 / 350 $\mu$ s) 12.5 kA<br>I (total, 10 / 350 $\mu$ s) - kA                                                      |
| Maximum Continuous<br>Operating Voltage (U <sub>c</sub> )               | (L-PE) 440 V<br>(L-L) 440 V<br>(L-N) 440 V<br>(N-PE) - V                                                                   |
| Voltage Rating DC                                                       | 560 V                                                                                                                      |
| Voltage Protection Level<br>( U <sub>p</sub> )                          | (L-N) 1.9 kV<br>(N-PE) - kV<br>(L-PE) 1.9 kV                                                                               |
| Short Circuit Withstand I <sub>cc</sub>                                 | 100 kA                                                                                                                     |
| Follow Current Extinction<br>Capacity I <sub>f</sub> (I <sub>fi</sub> ) | (L-N) - kA<br>(N-PE) - kA                                                                                                  |
| Temporary Overvoltage<br>Test Value (U <sub>T</sub> )                   | 581 V                                                                                                                      |
| Short-Circuit Protective<br>Devices                                     | Curve B Breakers $\leq$ 125 A<br>Curve C Breakers $\leq$ 125 A<br>gL Type Fuses $\leq$ 160 A<br>gG Type Fuses $\leq$ 160 A |
| Power Loss                                                              | 70 mW                                                                                                                      |
| Product Name                                                            | Surge Protective Device                                                                                                    |
| Suitable For                                                            | To protect the systems against the transient overvoltage (lightning)                                                       |

## Dimensions

|                                        |         |
|----------------------------------------|---------|
| Product Net Width                      | 35.6 mm |
| Product Net Depth /<br>Length          | 76.7 mm |
| Product Net Height                     | 88 mm   |
| Product Net Weight                     | 0.3 kg  |
| Width in Number of<br>Modular Spacings | 2       |

## Container Information

|                                   |               |
|-----------------------------------|---------------|
| Package Level 1 Units             | 1 piece       |
| Package Level 1 Width             | 117 mm        |
| Package Level 1 Depth /<br>Length | 41 mm         |
| Package Level 1 Height            | 82 mm         |
| Package Level 1 Gross<br>Weight   | 320 g         |
| Package Level 1 EAN               | 3660308525123 |

## Ordering

|                        |          |
|------------------------|----------|
| Minimum Order Quantity | 1 piece  |
| Customs Tariff Number  | 85363090 |

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## Certificates and Declarations (Document Number)

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|                                   |                 |
|-----------------------------------|-----------------|
| CQC Certificate                   | 9AKK107680A1975 |
| Declaration                       | 2CTC432056G1701 |
| Declaration of Conformity<br>- CE | 9AKK107992A0892 |
| EAC Certificate                   | 2CTC436008G1701 |
| Instructions and Manuals          | 2CTC431030M1701 |

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## Popular Downloads

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|                                      |                                                                                          |
|--------------------------------------|------------------------------------------------------------------------------------------|
| Data Sheet, Technical<br>Information | 2CTC431057D0201                                                                          |
| Instructions and Manuals             | 2CTC431030M1701                                                                          |
| Mechanical Drawings                  | 2CTC800015F3000.pdf<br>2CTC800015F3001.dxf<br>2CTC800015F3002.stp<br>2CTC800015F3003.igs |

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## Classifications

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|                            |                                                       |
|----------------------------|-------------------------------------------------------|
| Object Classification Code | 141BEC                                                |
| ETIM 4                     | EC001457 - Combined arrester for power supply systems |
| ETIM 5                     | EC001457 - Combined arrester for power supply systems |
| ETIM 6                     | EC001457 - Combined arrester for power supply systems |
| ETIM 7                     | EC001457 - Combined arrester for power supply systems |

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## Categories

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

