

# OVR T1-T2 3L 12.5-275s P QS



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

## General Information

|                               |   |
|-------------------------------|---|
| <b>Extended Product Type:</b> | OVR T1-T2 3L 12.5-275s P QS                         |
| <b>Product ID:</b>            | 2CTB815710R1800                                     |
| <b>EAN:</b>                   | 3660308524980                                       |
| <b>Catalog Description:</b>   | OVR T1-T2 3L 12.5-275s P QS Surge Protective Device |
| <b>Long Description:</b>      | B752498   |

## Ordering

|                                |          |
|--------------------------------|----------|
| <b>Minimum Order Quantity:</b> | 1 piece  |
| <b>Customs Tariff Number:</b>  | 85363090 |

## Popular Downloads

|   |  |
|---|--|
| <b>Data Sheet, Technical Information:</b> | 2CTC431045D0201  |
| <b>Instructions and Manuals:</b>          | 2CTC431030M1701  |
| <b>Mechanical Drawings:</b>               | 2CTC800015F1800.pdf<br>2CTC800015F1801.dxf<br>2CTC800015F1802.stp<br>2CTC800015F1803.igs |

## Dimensions

|   |         |
|---|---------|
| <b>Product Net Width:</b>                   | 53.4 mm |
| <b>Product Net Depth:</b>                   | 76.7 mm |
| <b>Product Net Height:</b>                  | 88 mm   |
| <b>Product Net Weight:</b>                  | 0,45 kg |
| <b>Width in Number of Modular Spacings:</b> | 3       |

## Technical

|  |                            |
|--|----------------------------|
| <b>Type of Low Voltage Distribution System:</b>          | TN-C                       |
| <b>Nominal AC Voltage of the System (U<sub>o</sub>):</b> | 230 / 400 V                |
| <b>Number of Protected Poles:</b>                        | 3                          |
| <b>Arrester Class:</b>                                   | I<br>II                    |
| <b>Product Main Type:</b>                                | T1-T2                      |
| <b>Standards:</b>  | IEC 61643-11 / EN 61643-11 |

|   |  |
|---|--|
| <b>Product Type:</b>  | QS   |
| <b>Version:</b>   | Plug-in  |
| <b>Discharge Current:</b>   | Nominal 20 kA<br>Maximum 80 kA<br>Total 240 kA   |
| <b>Impulse Current:</b>   | I (imp, 10 / 350 $\mu$ s) 12.5 kA<br>I (total, 10 / 350 $\mu$ s) 37.5 kA   |
| <b>Maximum Continuous Operating Voltage (U<sub>c</sub>):</b>              | (L-PE) 275 V<br>(L-L) 440 V<br>(L-N) - V<br>(N-PE) - V   |
| <b>Voltage Rating DC:</b>   | 350 V  |
| <b>Voltage Protection Level ( U<sub>p</sub>):</b>                         | (L-N) - V<br>(N-PE) - V<br>(L-PE) 1.4 V  |
| <b>Short Circuit Withstand I<sub>cc</sub>:</b>                            | 100 kA   |
| <b>Follow Current Extinction Capacity I<sub>f</sub> (I<sub>fi</sub>):</b> | (L-N) - kA<br>(N-PE) - kA  |
| <b>Temporary Overvoltage Test Value (U<sub>T</sub>):</b>                  | 337 V  |
| <b>Short-Circuit Protective Devices:</b>                                  | 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 |
| <b>Power Loss:</b>  | 63 mW  |
| <b>Product Name:</b>  | Surge Protective Device  |
| <b>Suitable For:</b>  | To protect the systems against the transient overvoltage (lightning)   |

## Certificates and Declarations (Document Number)

|  |                 |
|--|-----------------|
| <b>Declaration:</b>                    | 2CTC432056G1701 |
| <b>Declaration of Conformity - CE:</b> | 2CTC436004G1701 |
| <b>Instructions and Manuals:</b>       | 2CTC431030M1701 |

## Container Information

|                                      |               |
|--------------------------------------|---------------|
| <b>Package Level 1 Units:</b>        | 1 piece       |
| <b>Package Level 1 Width:</b>        | 117 mm        |
| <b>Package Level 1 Length:</b>       | 61 mm         |
| <b>Package Level 1 Height:</b>       | 82 mm         |
| <b>Package Level 1 Gross Weight:</b> | 475 g         |
| <b>Package Level 1 EAN:</b>          | 3660308524980 |

## Classifications

**Object Classification Code:** 141BCC

**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

