

## OVR T1 1N 25-255

## General Information

|                        |                                          |
|------------------------|------------------------------------------|
| Extended Product Type: | OVR T1 1N 25-255                         |
| Product ID:            | 2CTB815101R1500                          |
| EAN:                   | 3660308510921                            |
| Catalog Description:   | OVR T1 1N 25-255 Surge Protective Device |
| Long Description:      | 510115                                   |

## Categories

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

## Ordering

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

## Popular Downloads

|                                    |                                                                                                                                                          |
|------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Data Sheet, Technical Information: | <a href="#">2CTC431013D1701</a>                                                                                                                          |
| Mechanical Drawings:               | <a href="#">2CTC800010F0400.pdf</a><br><a href="#">2CTC800010F0401.dxf</a><br><a href="#">2CTC800010F0402.stp</a><br><a href="#">2CTC800010F0403.igs</a> |

## Dimensions

|                                      |         |
|--------------------------------------|---------|
| Product Net Width:                   | 71.2 mm |
| Product Net Depth:                   | 64.8 mm |
| Product Net Height:                  | 90 mm   |
| Product Net Weight:                  | 500 g   |
| Width in Number of Modular Spacings: | 4       |

## Technical

|                                                                       |                                                                                                        |
|-----------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|
| Type of Low Voltage Distribution System:                              | TT<br>TN-S                                                                                             |
| Nominal AC Voltage of the System (U <sub>0</sub> ):                   | 230 / 400 V                                                                                            |
| Number of Protected Poles:                                            | 2                                                                                                      |
| Arrester Class:                                                       | I                                                                                                      |
| Product Main Type:                                                    | T1                                                                                                     |
| Standards:                                                            | IEC 61643-1 / EN 61643-11                                                                              |
| Version:                                                              | Fix                                                                                                    |
| Discharge Current:                                                    | Nominal 25 kA<br>Maximum 60 kA<br>Total 75 kA                                                          |
| Impulse Current:                                                      | I (imp, 10 / 350 µs) 25 kA<br>I (total, 10 / 350 µs) 50 kA                                             |
| Maximum Continuous Operating Voltage (U <sub>c</sub> ):               | (L-PE) 255 V<br>(L-L) - V<br>(L-N) 255 V<br>(N-PE) 255 V                                               |
| Voltage Protection Level (U <sub>p</sub> ):                           | (L-N) 2.5 kV<br>(N-PE) 2 kV<br>(L-PE) - kV                                                             |
| Short Circuit Withstand I <sub>cc</sub> :                             | 50 kA                                                                                                  |
| Follow Current Extinction Capacity I <sub>f</sub> (I <sub>fi</sub> ): | 50 kA                                                                                                  |
| Temporary Overvoltage Test Value (U <sub>T</sub> ):                   | (L-N) 337 V<br>(N-PE) 1200 V                                                                           |
| Short-Circuit Protective Devices:                                     | Curve B Breakers ≤ 125 A<br>Curve C Breakers ≤ 125 A<br>gL Type Fuses ≤ 125 A<br>gG Type Fuses ≤ 125 A |
| Product Name:                                                         | Surge Protective Device                                                                                |

Suitable For: To protect the systems against the transient overvoltage (lightning)

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## Certificates and Declarations (Document Number)

Declaration of Conformity - CE: [2CTC436004G1701](#)Instructions and Manuals: [2CTC431008M1701](#)

## Container Information

Package Level 1 Units: 1 piece

Package Level 1 Width: 117 mm

Package Level 1 Length: 77 mm

Package Level 1 Height: 82 mm

Package Level 1 Gross Weight: 530 g

Package Level 1 EAN: 3660308510921

## Classifications

ETIM 4: EC000381 - Lightning current arrester for power supply systems

ETIM 5: EC000381 - Lightning current arrester for power supply systems

ETIM 6: EC000381 - Lightning current arrester for power supply systems

