

# OVR T1+2 3N 25-255 TS



OVR T1+2 3N 25-255 TS Surge Protective Device

## General Information

|                       |                                               |
|-----------------------|-----------------------------------------------|
| Extended Product Type | OVR T1+2 3N 25-255 TS                         |
| Product ID            | 2CTB815101R4500                               |
| EAN                   | 3660308513526                                 |
| Catalog Description   | OVR T1+2 3N 25-255 TS Surge Protective Device |
| Long Description      | B751352                                       |

## Ordering

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

## Popular Downloads

|                                   |                 |
|-----------------------------------|-----------------|
| Data Sheet, Technical Information | 9AKK106713A3710 |
|-----------------------------------|-----------------|

## Dimensions

|                                     |          |
|-------------------------------------|----------|
| Product Net Width                   | 93.5 mm  |
| Product Net Depth / Length          | 65 mm    |
| Product Net Height                  | 142.4 mm |
| Product Net Weight                  | 1000 g   |
| Width in Number of Modular Spacings | 8        |

## Technical

|                                            |                                |
|--------------------------------------------|--------------------------------|
| Type of Low Voltage Distribution System    | TT<br>TN-S                     |
| Nominal AC Voltage of the System ( $U_0$ ) | 230 / 400 V                    |
| Number of Protected Poles                  | 4                              |
| Arrester Class                             | I<br>II                        |
| Product Main Type                          | T1-T2                          |
| Standards                                  | IEC 61643-11 / EN 61643-11     |
| Version                                    | Fix                            |
| Discharge Current                          | Nominal 25 kA<br>Maximum 60 kA |

|                                                                      |                                                                                                          |
|----------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|
| Impulse Current                                                      | I (imp, 10 / 350 $\mu$ s) 25 kA<br>I (total, 10 / 350 $\mu$ s) 75 kA                                     |
| Maximum Continuous Operating Voltage (U <sub>C</sub> )               | (L-PE) 255 V<br>(L-L) 440 V<br>(L-N) 255 V<br>(N-PE) 255 V                                               |
| Voltage Protection Level (U <sub>p</sub> )                           | (L-N) 1.5 kV<br>(N-PE) 2.5 kV<br>(L-PE) 1.5 kV                                                           |
| Short Circuit Withstand I <sub>cc</sub>                              | 50 kA                                                                                                    |
| Follow Current Extinction Capacity I <sub>f</sub> (I <sub>fi</sub> ) | (L-N) 15 kA<br>(N-PE) - 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 - A<br>Curve C Breakers - A<br>gL Type Fuses $\leq$ 125 A<br>gG Type Fuses $\leq$ 125 A |
| Auxiliary Circuit Load                                               | Minimum 12Vdc - 10mA<br>Maximum 250Vac - 1A                                                              |
| Product Name                                                         | Surge Protective Device                                                                                  |
| Suitable For                                                         | To protect the systems against the transient overvoltage (lightning)                                     |

## Container Information

|                                |         |
|--------------------------------|---------|
| Package Level 1 Units          | 1 piece |
| Package Level 1 Width          | 117 mm  |
| Package Level 1 Depth / Length | 147 mm  |
| Package Level 1 Height         | 82 mm   |
| Package Level 1 Gross Weight   | 1055 g  |

## 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 |

## Categories

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

