

PRODUCT-DETAILS

# OVR T1 25 440-50

## OVR T1 25 440-50 Surge Protective Device



### General Information

|                       |                                          |
|-----------------------|------------------------------------------|
| Extended Product Type | OVR T1 25 440-50                         |
| Product ID            | 2CTB815101R9300                          |
| EAN                   | 3660308514929                            |
| Catalog Description   | OVR T1 25 440-50 Surge Protective Device |
| Long Description      | B751492                                  |

### Technical

|                                            |                                                                     |
|--------------------------------------------|---------------------------------------------------------------------|
| Type of Low Voltage Distribution System    | TT<br>TN-C<br>TN-S                                                  |
| Nominal AC Voltage of the System ( $U_o$ ) | 400 / 690 V                                                         |
| Number of Protected Poles                  | 1                                                                   |
| 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 60 kA                       |
| Impulse Current                            | I (imp, 10 / 350 $\mu$ s) 25 kA<br>I (total, 10 / 350 $\mu$ s) - kA |
| Maximum Continuous                         | (L-PE) 440 V                                                        |

|                                                                         |                                                                                                        |
|-------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|
| Operating Voltage (U <sub>c</sub> )                                     | (L-L) 440 V<br>(L-N) 440 V<br>(N-PE) - V                                                               |
| Voltage Protection Level<br>( U <sub>p</sub> )                          | (L-N) 2.5 kV<br>(N-PE) - kV<br>(L-PE) 2.5 kV                                                           |
| Short Circuit Withstand I <sub>cc</sub>                                 | 50 kA                                                                                                  |
| Follow Current Extinction<br>Capacity I <sub>f</sub> (I <sub>fi</sub> ) | 50 kA                                                                                                  |
| Temporary Overvoltage<br>Test Value (U <sub>T</sub> )                   | 581 V                                                                                                  |
| Short-Circuit Protective<br>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)                                   |

## Dimensions

|                                        |         |
|----------------------------------------|---------|
| Product Net Width                      | 35.6 mm |
| Product Net Depth /<br>Length          | 70.3 mm |
| Product Net Height                     | 85 mm   |
| Product Net Weight                     | 0.27 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   | 270 g         |
| Package Level 1 EAN               | 3660308514929 |

## Ordering

|                                 |                 |
|---------------------------------|-----------------|
| Minimum Order Quantity          | 1 piece         |
| Customs Tariff Number           | 85363090        |
| Replacement Product ID<br>(NEW) | 2CTB825101R5000 |

## Certificates and Declarations (Document Number)

|                                   |                 |
|-----------------------------------|-----------------|
| Declaration of Conformity<br>- CE | 9AKK107991A6345 |
| EAC Certificate                   | 2CTC436007G1701 |
| Instructions and Manuals          | 2CTC431021M1701 |

## Popular Downloads

|                                      |                 |
|--------------------------------------|-----------------|
| Data Sheet, Technical<br>Information | 2CTC431023D1701 |
|--------------------------------------|-----------------|

## Classifications

## Categories



The image shows a white ABB circuit breaker, model 1P+N 25 A 230 V AC 50 Hz 10 kA Icu. It has a red ABB logo on the left side and a label with technical specifications. The breaker is mounted on a DIN rail and has two main terminals labeled 'L' and 'PEN'.