

# OVR T1+2 25-255 TS

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

## General Information

|                        |                    |
|------------------------|--------------------|
| Extended Product Type: | OVR T1+2 25-255 TS |
| Product ID:            | 2CTB815101R0300    |
| EAN:                   | 3660308510884      |
| Catalog Description:   | OVR T1+2 25-255 TS |
| Long Description:      | 510103             |



## Additional Information

|                                                         |                                                                                          |
|---------------------------------------------------------|------------------------------------------------------------------------------------------|
| Arrester Class:                                         | I<br>II                                                                                  |
| Auxiliary Circuit Load:                                 | Minimum 12Vdc - 10mA<br>Maximum 250Vac - 1A                                              |
| Brand / Label:                                          | ABB                                                                                      |
| Country of Origin:                                      | France (FR)                                                                              |
| Customs Tariff Number:                                  | 85363090                                                                                 |
| Data Sheet, Technical Information:                      | 2CTC431002D1701                                                                          |
| Declaration of Conformity - CE:                         | 2CTC436004G1701                                                                          |
| Discharge Current:                                      | Nominal 25 kA<br>Maximum 60 kA<br>Total 60 kA                                            |
| E-number:                                               | 5273508                                                                                  |
| EAN:                                                    | 3660308510884                                                                            |
| ETIM 4:                                                 | EC001457 - Combined arrester for power supply systems                                    |
| ETIM 5:                                                 | EC001457 - Combined arrester for power supply systems                                    |
| ETIM 6:                                                 | EC000941 - Surge protection device for power supply systems                              |
| Follow Current Extinction Capacity If (I fi):           | 15 kA                                                                                    |
| Impulse Current:                                        | I (imp, 10 / 350 µs) 25 kA<br>I (total, 10 / 350 µs) - kA                                |
| Instructions and Manuals:                               | 2CTC431007M1701                                                                          |
| Invoice Description:                                    | OVR T1+2 25-255 TS                                                                       |
| Maximum Continuous Operating Voltage (U <sub>c</sub> ): | (L-PE) 255 V<br>(L-L) 255 V<br>(L-N) 255 V<br>(N-PE) - V                                 |
| Mechanical Drawings:                                    | 2CTC800012F0100.pdf<br>2CTC800012F0101.dxf<br>2CTC800012F0102.stp<br>2CTC800012F0103.igs |
| Minimum Order Quantity:                                 | 1 piece                                                                                  |
| Nominal AC Voltage of the System (U <sub>b</sub> ):     | 230 / 400 V                                                                              |
| Number of Auxiliary Contacts NC:                        | 1                                                                                        |
| Number of Auxiliary Contacts NO:                        | 1                                                                                        |
| Number of Poles:                                        | 1                                                                                        |
| Number of Protected Poles:                              | 1                                                                                        |
| Object Classification Code:                             | 141ACC                                                                                   |
| Options Provided:                                       | Industry, commercial building                                                            |
| Package Level 1 EAN:                                    | 3660308510884                                                                            |
| Package Level 1 Gross Weight:                           | 270 g                                                                                    |

|                                                     |                                                                                                                            |
|-----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| Package Level 1 Height:                             | 82 mm                                                                                                                      |
| Package Level 1 Length:                             | 41 mm                                                                                                                      |
| Package Level 1 Units:                              | 1 piece                                                                                                                    |
| Package Level 1 Width:                              | 117 mm                                                                                                                     |
| Preventive Maintenance Feature:                     | No                                                                                                                         |
| Product Main Type:                                  | T1-T2                                                                                                                      |
| Product Name:                                       | Surge Protective Device                                                                                                    |
| Product Net Depth:                                  | 65 mm                                                                                                                      |
| Product Net Height:                                 | 93.5 mm                                                                                                                    |
| Product Net Weight:                                 | 250 g                                                                                                                      |
| Product Net Width:                                  | 35.6 mm                                                                                                                    |
| Selling Unit of Measure:                            | piece                                                                                                                      |
| Short Circuit Withstand Icc:                        | 50 kA                                                                                                                      |
| Short Description:                                  | OVR T1+2 25-255 TS                                                                                                         |
| Short-Circuit Protective Devices:                   | Curve B Breakers $\leq$ 125 A<br>Curve C Breakers $\leq$ 125 A<br>gL Type Fuses $\leq$ 125 A<br>gG Type Fuses $\leq$ 125 A |
| Standards:                                          | IEC 61643-1 / EN 61643-11                                                                                                  |
| Suitable For:                                       | To protect the systems against the transient overvoltage (lightning)                                                       |
| Temporary Overvoltage Test Value (U <sub>T</sub> ): | 337 V                                                                                                                      |
| Type of Low Voltage Distribution System:            | TT<br>TN-C<br>TN-S                                                                                                         |
| UL Certificate:                                     | N                                                                                                                          |
| Version:                                            | Fix                                                                                                                        |
| Voltage Protection Level ( U <sub>p</sub> ):        | (L-N) 1.5 kV<br>(N-PE) - kV<br>(L-PE) 1.5 kV                                                                               |
| Width in Number of Modular Spacings:                | 2                                                                                                                          |

