

## OVR T1+2 1N 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 1N 25-255 TS |
| Product ID:            | 2CTB815101R4400       |
| EAN:                   | 3660308513519         |
| Catalog Description:   | OVR T1+2 1N 25-255 TS |
| Long Description:      | B751351               |

## Additional Information

|                                                         |                                                            |
|---------------------------------------------------------|------------------------------------------------------------|
| Arrester Class:                                         | I<br>II                                                    |
| Auxiliary Circuit Load:                                 | Minimum 12Vdc - 10mA<br>Maximum 250Vac - 1A                |
| Brand / Label:                                          | ABB                                                        |
| Country of Origin:                                      | European Union (EU)                                        |
| Customs Tariff Number:                                  | 85363090                                                   |
| Data Sheet, Technical Information:                      | 9AKK106713A3712                                            |
| Discharge Current:                                      | Nominal 25 kA<br>Maximum 60 kA                             |
| EAN:                                                    | 3660308513519                                              |
| 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      |
| Follow Current Extinction Capacity If (I fi):           | (L-N) 15 kA<br>(N-PE) 0.1 kA                               |
| Impulse Current:                                        | I (imp, 10 / 350 µs) 25 kA<br>I (total, 10 / 350 µs) 50 kA |
| Invoice Description:                                    | OVR T1+2 1N 25-255 TS                                      |
| 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   |
| Minimum Order Quantity:                                 | 1 piece                                                    |
| Nominal AC Voltage of the System (U <sub>0</sub> ):     | 230 / 400 V                                                |
| Number of Auxiliary Contacts NC:                        | 1                                                          |
| Number of Auxiliary Contacts NO:                        | 1                                                          |
| Number of Poles:                                        | 2                                                          |
| Number of Protected Poles:                              | 2                                                          |
| Object Classification Code:                             | 141BCC                                                     |
| Options Provided:                                       | Industry, commercial building                              |
| Package Level 1 Gross Weight:                           | 570 g                                                      |
| Package Level 1 Height:                                 | 82 mm                                                      |
| Package Level 1 Length:                                 | 77 mm                                                      |
| Package Level 1 Units:                                  | 1 piece                                                    |
| Package Level 1 Width:                                  | 117 mm                                                     |
| Position of Neutral Terminals:                          | Right                                                      |
| Preventive Maintenance Feature:                         | No                                                         |
| Product Main Type:                                      | T1-T2                                                      |

|                                             |                                                                                                          |
|---------------------------------------------|----------------------------------------------------------------------------------------------------------|
| Product Name:                               | Surge Protective Device                                                                                  |
| Product Net Depth:                          | 65 mm                                                                                                    |
| Product Net Height:                         | 71.2 mm                                                                                                  |
| Product Net Weight:                         | 540 g                                                                                                    |
| Product Net Width:                          | 93.5 mm                                                                                                  |
| Selling Unit of Measure:                    | piece                                                                                                    |
| Short Circuit Withstand Icc:                | 50 kA                                                                                                    |
| Short Description:                          | OVR T1+2 1N 25-255 TS                                                                                    |
| 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 |
| Standards:                                  | IEC 61643-11 / EN 61643-11                                                                               |
| Suitable For:                               | To protect the systems against the transient overvoltage (lightning)                                     |
| Temporary Overvoltage Test Value ( $U_T$ ): | (L-N) 337 V<br>(N-PE) 1200 V                                                                             |
| Type of Low Voltage Distribution System:    | TT<br>TN-S                                                                                               |
| UL Certificate:                             | N                                                                                                        |
| Version:                                    | Fix                                                                                                      |
| Voltage Protection Level ( $U_p$ ):         | (L-N) 1.5 kV<br>(N-PE) 2.5 kV<br>(L-PE) 1.5 kV                                                           |
| Width in Number of Modular Spacings:        | 4                                                                                                        |

