

PRODUCT-DETAILS

# OVR T2-T3 N 80-275 P QS

## OVR T2-T3 N 80-275 P QS Surge Protective Device



### General Information

|                       |                                                 |
|-----------------------|-------------------------------------------------|
| Extended Product Type | OVR T2-T3 N 80-275 P QS                         |
| Product ID            | 2CTB803973R1900                                 |
| EAN                   | 3660308519641                                   |
| Catalog Description   | OVR T2-T3 N 80-275 P QS Surge Protective Device |
| Long Description      | B751964                                         |

### 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                  | 1                              |
| Arrester Class                             | II                             |
| Product Main Type                          | T2                             |
| Standards                                  | IEC 61643-11 / EN 61643-11     |
| Product Type                               | QS                             |
| Version                                    | Plug-in                        |
| Discharge Current                          | Nominal 30 kA<br>Maximum 80 kA |

|                                                           |                                                                                                        |
|-----------------------------------------------------------|--------------------------------------------------------------------------------------------------------|
|                                                           | Total 80 kA                                                                                            |
| Impulse Current                                           | I (total, 10 / 350 µs) 6.25 kA                                                                         |
| Maximum Continuous<br>Operating Voltage (U <sub>c</sub> ) | (L-PE) - V<br>(L-L) - V<br>(L-N) - V<br>(N-PE) 275 V                                                   |
| Voltage Protection Level<br>( U <sub>p</sub> )            | (L-N) - kV<br>(N-PE) 1.4 kV<br>(L-PE) - kV                                                             |
| Short Circuit Withstand I <sub>cc</sub>                   | 100 kA                                                                                                 |
| Temporary Overvoltage<br>Test Value (U <sub>T</sub> )     | 1200 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 |
| Auxiliary Circuit Load                                    | Minimum -<br>Maximum -                                                                                 |
| Product Name                                              | Surge Protective Device                                                                                |
| Suitable For                                              | To protect the systems against the transient overvoltage (lightning)                                   |

## Dimensions

|                                        |         |
|----------------------------------------|---------|
| Product Net Width                      | 17.8 mm |
| Product Net Depth /<br>Length          | 58 mm   |
| Product Net Height                     | 88 mm   |
| Product Net Weight                     | 0.12 kg |
| Width in Number of<br>Modular Spacings | 1       |

## Container Information

|                                   |               |
|-----------------------------------|---------------|
| Package Level 1 Units             | box 1 piece   |
| Package Level 1 Width             | 117 mm        |
| Package Level 1 Depth /<br>Length | 25 mm         |
| Package Level 1 Height            | 82 mm         |
| Package Level 1 Gross<br>Weight   | 145 g         |
| Package Level 1 EAN               | 3660308519641 |

## Ordering

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

## Certificates and Declarations (Document Number)

|                 |                 |
|-----------------|-----------------|
| CB Certificate  | 2CTC432024G1701 |
| CQC Certificate | 9AKK107680A1974 |
| Declaration     | 2CTC432056G1701 |

|                                   |                 |
|-----------------------------------|-----------------|
| Declaration of Conformity<br>- CE | 9AKK107992A0892 |
| Instructions and Manuals          | 2CTC432097M1701 |

Popular Downloads

|                                   |                                                                                          |
|-----------------------------------|------------------------------------------------------------------------------------------|
| Data Sheet, Technical Information | 2CTC432214D0201                                                                          |
| Instructions and Manuals          | 2CTC432097M1701                                                                          |
| Mechanical Drawings               | 2CTC800021F1700.pdf<br>2CTC800021F1701.dxf<br>2CTC800021F1702.stp<br>2CTC800021F1703.igs |

Classifications

|                            |                                                             |
|----------------------------|-------------------------------------------------------------|
| Object Classification Code | 141ECC                                                      |
| ETIM 4                     | EC000941 - Surge protection device for power supply systems |
| ETIM 5                     | EC000941 - Surge protection device for power supply systems |
| ETIM 6                     | EC000941 - Surge protection device for power supply systems |
| ETIM 7                     | EC000941 - Surge protection device for power supply systems |

Categories

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

