



PRODUCT-DETAILS

# OVR T2-T3 N 80-440 P QS

## OVR T2-T3 N 80-440 P QS Surge Protective Device



| General Information   |                                                 |
|-----------------------|-------------------------------------------------|
| Extended Product Type | OVR T2-T3 N 80-440 P QS                         |
| Product ID            | 2CTB803973R2000                                 |
| EAN                   | 3660308519665                                   |
| Catalog Description   | OVR T2-T3 N 80-440 P QS Surge Protective Device |
| Long Description      | OVR T2-T3 N 80-440 P QS Surge Protective Device |

| Technical                                              |                                                                      |
|--------------------------------------------------------|----------------------------------------------------------------------|
| Standards                                              | IEC 61643-11 / EN 61643-11                                           |
| Type of Low Voltage Distribution System                | TT<br>TN-S                                                           |
| Suitable For                                           | To protect the systems against the transient overvoltage (lightning) |
| Rated Voltage (U <sub>r</sub> )                        | 690 V AC                                                             |
| Nominal AC Voltage of the System (U <sub>o</sub> )     | 400 / 690 V                                                          |
| Voltage Protection Level (U <sub>p</sub> )             | 1.4 kV<br>(N-PE) 1.4 kV                                              |
| Maximum Continuous Operating Voltage (U <sub>c</sub> ) | (L-PE) 440 V                                                         |

|                                                                  |                                                       |
|------------------------------------------------------------------|-------------------------------------------------------|
| Temporary Overvoltage Test Value (U <sub>T</sub> )               | 1200 V                                                |
| Rated Service Short-Circuit Breaking Capacity (I <sub>CS</sub> ) | 100 kA                                                |
| Discharge Current                                                | Nominal (8 / 20 μs) 30 kA<br>I (max, 8 / 20 μs) 80 kA |
| Impulse Current                                                  | I (total, 10 / 350 μs) 6.25 kA                        |
| Short Circuit Withstand I <sub>CC</sub>                          | 100 kA                                                |
| Arrester Class                                                   | II                                                    |
| Number of Protected Poles                                        | 1                                                     |
| Number of Poles                                                  | 1                                                     |
| Number of Conductors                                             | 1                                                     |
| Transmission Standard                                            | Optic                                                 |
| Version                                                          | Plug-in                                               |
| Mounting Type                                                    | DIN-Rail                                              |
| Product Type                                                     | QS                                                    |
| Options Provided                                                 | Industry, commercial building                         |
| Auxiliary Circuit Load                                           | Minimum -<br>Maximum -                                |
| Preventive Maintenance Feature                                   | No                                                    |
| Status Indicator                                                 | No                                                    |
| Fuse Size                                                        | 1 modular spacing                                     |

Material Compliance

|                                             |                                   |
|---------------------------------------------|-----------------------------------|
| RoHS Information                            | 9AKK108466A4410                   |
| RoHS Status                                 | Following EU Directive 2011/65/EU |
| RoHS Date                                   | 20220317                          |
| Conflict Minerals Reporting Template (CMRT) | 9AKK108468A3363                   |

Environmental

|                                        |                       |
|----------------------------------------|-----------------------|
| Degree of Protection                   | IP20                  |
| Maximum Operating Altitude Permissible | Without Derating 5000 |

Dimensions

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

Ordering

|                       |             |
|-----------------------|-------------|
| Package Level 1 Units | box 1 piece |
|-----------------------|-------------|

|                              |       |
|------------------------------|-------|
| Package Level 1 Gross Weight | 145 g |
|------------------------------|-------|

**Certificates and Declarations**

|                                |                 |
|--------------------------------|-----------------|
| CB Certificate                 | 2CTC432024G1701 |
| CQC Certificate                | 9AKK107680A1974 |
| Declaration                    | 2CTC432056G1701 |
| Declaration of Conformity - CE | 9AKK108466A4410 |

**Installation**

|                          |                 |
|--------------------------|-----------------|
| Instructions and Manuals | 2CTC432097M1701 |
|--------------------------|-----------------|

**Popular Downloads**

|                                   |                                                                                          |
|-----------------------------------|------------------------------------------------------------------------------------------|
| Data Sheet, Technical Information | 2CTC432216D0201                                                                          |
| Mechanical Drawings               | 2CTC800021F1700.pdf<br>2CTC800021F1701.dxf<br>2CTC800021F1702.stp<br>2CTC800021F1703.igs |

**Classifications**

|                            |                                                             |
|----------------------------|-------------------------------------------------------------|
| ETIM 8                     | EC000941 - Surge protection device for power supply systems |
| ETIM 9                     | EC000941 - Surge protection device for power supply systems |
| WEEE Category              | 5. Small Equipment (No External Dimension More Than 50 cm)  |
| WEEE B2C / B2B             | Business To Business                                        |
| CN8                        | 85363090                                                    |
| eClass                     | V11.0 : 27130805                                            |
| Object Classification Code | 141EEC                                                      |

**Categories**

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

