

PRODUCT-DETAILS

# OVR T2-T3 N 80-275 C QS

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



### General Information

|                       |                                                 |
|-----------------------|-------------------------------------------------|
| Extended Product Type | OVR T2-T3 N 80-275 C QS                         |
| Product ID            | 2CTB803876R0000                                 |
| EAN                   | 3660308520944                                   |
| Catalog Description   | OVR T2-T3 N 80-275 C QS Surge Protective Device |
| Long Description      | OVR T2-T3 N 80-275 C 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 ( $U_r$ )                        | 230 V AC                                                             |
| Nominal AC Voltage of the System ( $U_o$ )     | 230 / 400 V                                                          |
| Voltage Protection Level ( $U_p$ )             | 1.4 kV<br>(L-N) 1.4 kV<br>(N-PE) 1.4 kV                              |
| Maximum Continuous Operating Voltage ( $U_c$ ) | (L-PE) 275 V                                                         |
| Temporary Overvoltage Test Value ( $U_T$ )     | 1200 V                                                               |
| Rated Service Short-Circuit Breaking           | 100 kA                                                               |

|                                     |                                                                 |
|-------------------------------------|-----------------------------------------------------------------|
| Capacity ( $I_{cs}$ )               |                                                                 |
| Discharge Current                   | Nominal (8 / 20 $\mu$ s) 5 kA<br>$I$ (max, 8 / 20 $\mu$ s) 5 kA |
| Impulse Current                     | $I$ (imp, 10 / 350 $\mu$ s) 6.25 kA                             |
| Short Circuit Withstand<br>$I_{cc}$ | 100 A                                                           |
| Short-Circuit Protective<br>Devices | gG Type Fuses N A                                               |
| Arrester Class                      | II                                                              |
| Number of Poles                     | 1                                                               |
| Number of Protected<br>Poles        | 1                                                               |
| Number of Conductors                | 1                                                               |
| Transmission Standard               | Optic                                                           |
| Version                             | Plug-in                                                         |
| Mounting Type                       | DIN-Rail                                                        |
| Product Type                        | QS                                                              |
| Options Provided                    | Replacement Cartridge                                           |
| Preventive Maintenance<br>Feature   | No                                                              |
| Status Indicator                    | No                                                              |
| Fuse Size                           | 2 modular spacing                                               |

## Environmental

|                                                   |                                   |
|---------------------------------------------------|-----------------------------------|
| Degree of Protection                              | IP20                              |
| Maximum Operating<br>Altitude Permissible         | Without Derating 5000             |
| RoHS Status                                       | Following EU Directive 2011/65/EU |
| RoHS Information                                  | 9AKK108466A4410                   |
| Conflict Minerals<br>Reporting Template<br>(CMRT) | 9AKK108468A3363                   |

## Dimensions

|                                        |         |
|----------------------------------------|---------|
| Width in Number of<br>Modular Spacings | 1       |
| Product Net Width                      | 17.6 mm |
| Product Net Height                     | 57 mm   |
| Product Net Depth /<br>Length          | 55.6 mm |
| Product Net Weight                     | 0.12 kg |

## Ordering

|                                 |             |
|---------------------------------|-------------|
| Minimum Order Quantity          | 1 piece     |
| Package Level 1 Units           | box 1 piece |
| Package Level 1 Gross<br>Weight | 0.13 kg     |
| E-Number (Finland)              | 3211206     |

## Certificates and Declarations

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

|                                   |                 |
|-----------------------------------|-----------------|
| Declaration of<br>Conformity - CE | 9AKK108466A4410 |
|-----------------------------------|-----------------|

Installation

|                             |                 |
|-----------------------------|-----------------|
| Instructions and<br>Manuals | 2CTC432097M1701 |
|-----------------------------|-----------------|

Popular Downloads

|                                      |                                                                                          |
|--------------------------------------|------------------------------------------------------------------------------------------|
| Data Sheet, Technical<br>Information | No document needed                                                                       |
| Mechanical Drawings                  | 2CTC800021F1900.pdf<br>2CTC800021F1901.dxf<br>2CTC800021F1902.stp<br>2CTC800021F1903.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<br>Code | 141ECC                                                      |

Categories

Low Voltage Products and Systems → Modular DIN Rail Products → Surge Protective Devices SPDs → Surge Protective Devices  
SPDs Accessories

