



PRODUCT-DETAILS

OVR T2 1N 40-275s P TS QS

OVR T2 1N 40-275s P TS QS Surge Protective Device



| General Information                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Extended Product Type                              | OVR T2 1N 40-275s P TS QS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Product ID                                         | 2CTB815704R0200                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| EAN                                                | 3660308525239                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Catalog Description                                | OVR T2 1N 40-275s P TS QS Surge Protective Device                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Long Description                                   | Surge protective devices SPD type 2 protect low-voltage consumer systems against surge voltages as they are tested as SPD type 2 according to IEC 61643-11. The devices are compatible with the System pro M compact series. The SPD with "TS" are optionally equipped with a auxiliary contact. The variants with "reserve varistor" (s) offer additional protection for the system, as the SPD is not completely disconnected from the mains at the end of its service life, but with an additional smaller varistor still guarantees basic protection and the system thus until the surge arrester is replaced is still protected |
| 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> )                    | 230 V AC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Nominal AC Voltage of the System (U <sub>o</sub> ) | 230 / 400 V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |

|                                                                         |                                                       |
|-------------------------------------------------------------------------|-------------------------------------------------------|
| Voltage Rating DC                                                       | 350 V                                                 |
| Voltage Protection Level<br>( Up)                                       | 1.4 kV<br>(L-N) 1.4 kV<br>(N-PE) 1.4 kV               |
| Maximum Continuous<br>Operating Voltage (U <sub>c</sub> )               | (L-PE) 275 V                                          |
| Temporary Overvoltage<br>Test Value (U <sub>T</sub> )                   | (L-N) 337 V<br>(N-PE) 1200 V                          |
| Rated Service Short-<br>Circuit Breaking Capacity<br>(I <sub>cs</sub> ) | 100 kA                                                |
| Discharge Current                                                       | Nominal (8 / 20 μs) 20 kA<br>I (max, 8 / 20 μs) 40 kA |
| Impulse Current                                                         | I (imp, 10 / 350 μs) 2 kA                             |
| Short Circuit Withstand Icc                                             | 100 kA                                                |
| Power Loss                                                              | 28 mW                                                 |
| Arrester Class                                                          | II                                                    |
| Number of Protected<br>Poles                                            | 2                                                     |
| Number of Auxiliary<br>Contacts NC                                      | 1                                                     |
| Number of Auxiliary<br>Contacts NO                                      | 1                                                     |
| Number of Poles                                                         | 2                                                     |
| Number of Conductors                                                    | 2                                                     |
| Position of Neutral<br>Terminals                                        | Right                                                 |
| Transmission Standard<br>Version                                        | Optic<br>Plug-in                                      |
| Mounting Type                                                           | DIN-Rail                                              |
| Product Type                                                            | QS                                                    |
| Options Provided                                                        | Residential, commercial building.                     |
| Auxiliary Circuit Load                                                  | Minimum 12Vdc - 10mA<br>Maximum 250Vac - 1A           |
| Preventive Maintenance<br>Feature                                       | Yes                                                   |
| Status Indicator                                                        | Yes                                                   |
| Fuse Size                                                               | 2 modular spacing                                     |

Material Compliance

|                                                   |                                   |
|---------------------------------------------------|-----------------------------------|
| RoHS Information                                  | 9AKK108466A4617                   |
| RoHS Status                                       | Following EU Directive 2011/65/EU |
| RoHS Date                                         | 20220317                          |
| Conflict Minerals<br>Reporting Template<br>(CMRT) | 9AKK108468A3363                   |

Environmental

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

Dimensions

|                                        |         |
|----------------------------------------|---------|
| Width in Number of<br>Modular Spacings | 2       |
| Product Net Width                      | 35.6 mm |
| Product Net Height                     | 95.8 mm |
| Product Net Depth /                    | 76.7 mm |

|                    |        |
|--------------------|--------|
| Length             |        |
| Product Net Weight | 0.3 kg |

Ordering

|                              |             |
|------------------------------|-------------|
| Package Level 1 Units        | box 1 piece |
| Package Level 1 Gross Weight | 320 g       |

Certificates and Declarations

|                                |                 |
|--------------------------------|-----------------|
| CQC Certificate                | 9AKK107680A1974 |
| Declaration                    | 2CTC432056G1701 |
| Declaration of Conformity - CE | 9AKK108466A4617 |

Installation

|                          |                 |
|--------------------------|-----------------|
| Instructions and Manuals | 2CTC432106M1701 |
|--------------------------|-----------------|

Popular Downloads

|                                   |                                                                                          |
|-----------------------------------|------------------------------------------------------------------------------------------|
| Data Sheet, Technical Information | 2CTC432306D0201                                                                          |
| Mechanical Drawings               | 2CTC800015F0900.pdf<br>2CTC800015F0901.dxf<br>2CTC800015F0902.stp<br>2CTC800015F0903.iqs |

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 Consumer                                        |
| CN8                        | 85363090                                                    |
| eClass                     | V11.0 : 27130805                                            |
| Object Classification Code | 141DCC                                                      |

Categories

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

