

PRODUCT-DETAILS

# OVR T2 1N 40-275 P TS QS

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



### General Information

|                       |                                                                                                                                                                                                                                                                                                  |
|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Extended Product Type | OVR T2 1N 40-275 P TS QS                                                                                                                                                                                                                                                                         |
| Product ID            | 2CTB803972R0500                                                                                                                                                                                                                                                                                  |
| EAN                   | 3660308519702                                                                                                                                                                                                                                                                                    |
| Catalog Description   | OVR T2 1N 40-275 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. |

### 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                  | 2                          |
| Arrester Class                             | II                         |
| Product Main Type                          | T2                         |
| Standards                                  | IEC 61643-11 / EN 61643-11 |
| Product Type                               | QS                         |
| Version                                    | Plug-in                    |

|                                                           |                                                                                                        |
|-----------------------------------------------------------|--------------------------------------------------------------------------------------------------------|
| Discharge Current                                         | Nominal 20 kA<br>Maximum 40 kA<br>Total 80 kA                                                          |
| Impulse Current                                           | I (imp, 10 / 350 µs) 2 kA                                                                              |
| Maximum Continuous<br>Operating Voltage (U <sub>c</sub> ) | (L-PE) 275 V<br>(L-L) - V<br>(L-N) 275 V<br>(N-PE) 275 V                                               |
| Voltage Rating DC                                         | 350 V                                                                                                  |
| Voltage Protection Level<br>( U <sub>p</sub> )            | (L-N) 1.25 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> )     | (L-N) 337 V<br>(N-PE) 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 12Vdc - 10mA<br>Maximum 250Vac - 1A                                                            |
| Power Loss                                                | 17 mW                                                                                                  |
| Product Name                                              | Surge Protective Device                                                                                |
| Suitable For                                              | To protect the systems against the transient overvoltage (lightning)                                   |

## Dimensions

|                                        |         |
|----------------------------------------|---------|
| Product Net Width                      | 35.6 mm |
| Product Net Depth /<br>Length          | 58 mm   |
| Product Net Height                     | 95 mm   |
| Product Net Weight                     | 0.24 kg |
| Width in Number of<br>Modular Spacings | 2       |

## Container Information

|                                   |               |
|-----------------------------------|---------------|
| Package Level 1 Units             | box 1 piece   |
| Package Level 1 Width             | 117 mm        |
| Package Level 1 Depth /<br>Length | 41 mm         |
| Package Level 1 Height            | 82 mm         |
| Package Level 1 Gross<br>Weight   | 250 g         |
| Package Level 1 EAN               | 3660308519702 |

## Ordering

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

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## Certificates and Declarations (Document Number)

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|-----------------------------------|-----------------|
| CB Certificate                    | 2CTC432057G1701 |
| CQC Certificate                   | 9AKK107680A1974 |
| Declaration                       | 2CTC432056G1701 |
| Declaration of Conformity<br>- CE | 9AKK107992A0892 |
| Instructions and Manuals          | 2CTC432096M1701 |

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## Popular Downloads

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|                                      |                                                                                          |
|--------------------------------------|------------------------------------------------------------------------------------------|
| Data Sheet, Technical<br>Information | 2CTC432220D0201                                                                          |
| Instructions and Manuals             | 2CTC432096M1701                                                                          |
| Mechanical Drawings                  | 2CTC800021F1200.pdf<br>2CTC800021F1201.dxf<br>2CTC800021F1202.stp<br>2CTC800021F1203.igs |

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## Classifications

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|                            |                                                             |
|----------------------------|-------------------------------------------------------------|
| Object Classification Code | 141DCC                                                      |
| 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 |

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## Categories

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

