



 PRODUCT-DETAILS

OVR T2-T3 3N 20-275 P QS

OVR T2-T3 3N 20-275 P QS Surge Protective Device



General Information

| | |
|-----------------------|--------------------------------------------------|
| Extended Product Type | OVR T2-T3 3N 20-275 P QS |
| Product ID | 2CTB803973R1200 |
| EAN | 3660308519924 |
| Catalog Description | OVR T2-T3 3N 20-275 P QS Surge Protective Device |
| Long Description | OVR T2-T3 3N 20-275 P QS Surge Protective Device |

Technical

| | |
|--------------------------------------------|----------------------------------------------------------------------|
| Standards | IEC 61643-11 / EN 61643-11 |
| Type of Low Voltage Distribution System | TT TN-S |
| Suitable For | To protect the systems against the transient overvoltage (lightning) |
| Rated Voltage (U_r) | 400 V AC |
| Nominal AC Voltage of the System (U_o) | 230 / 400 V |
| Voltage Rating DC | 350 V |
| Voltage Protection Level (U_p) | 1.4 kV (L-N) 1.8 kV (N-PE) 1.4 kV |

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|------------------------------------------------------------------|-----------------------------------------------------------|
| Maximum Continuous Operating Voltage (U _c) | (L-PE) 275 V |
| Temporary Overvoltage Test Value (U _T) | (L-N) 337 V (N-PE) 1200 V |
| Rated Service Short-Circuit Breaking Capacity (I _{cs}) | 100 kA |
| Discharge Current | Nominal (8 / 20 μs) 5 kA I (max, 8 / 20 μs) 20 kA |
| Impulse Current | I (imp, 10 / 350 μs) 2 kA |
| Short Circuit Withstand I _{cc} | 100 kA |
| Power Loss | 29 mW |
| Arrester Class | II III |
| Number of Protected Poles | 4 |
| Number of Poles | 4 |
| Number of Conductors | 4 |
| Position of Neutral Terminals | Right |
| Transmission Standard | Optic |
| Version | Plug-in |
| Mounting Type | DIN-Rail |
| Product Type | QS |
| Options Provided | Residential or other where accurate protection is needed. |
| Auxiliary Circuit Load | Minimum - Maximum - |
| Preventive Maintenance Feature | No |
| Status Indicator | Yes |
| Fuse Size | 4 modular spacing |

Material Compliance

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|---------------------------------------------|-----------------------------------------------------------|
| RoHS Information | 9AKK108466A4410 |
| RoHS Status | Following EU Directive 2011/65/EU |
| RoHS Date | 20220317 |
| REACH Declaration | 9AKK108468A9644 |
| REACH Information | False - does not contain substances > 0.1 mass percentage |
| REACH Date | 20231212 |
| Conflict Minerals Reporting Template (CMRT) | 9AKK108468A3363 |

Environmental

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

Dimensions

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| Width in Number of Modular Spacings | 4 |
| Product Net Width | 71.2 mm |

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|----------------------------|---------|
| Product Net Height | 88 mm |
| Product Net Depth / Length | 58 mm |
| Product Net Weight | 0.48 kg |

Ordering

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|------------------------------|-------------|
| Package Level 1 Units | box 1 piece |
| Package Level 1 Gross Weight | 500 g |

Certificates and Declarations

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

Installation

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|--------------------------|-----------------|
| Instructions and Manuals | 2CTC432096M1701 |
|--------------------------|-----------------|

Popular Downloads

| | |
|-----------------------------------|------------------------------------------------------------------------------------------|
| Data Sheet, Technical Information | 2CTC432244D0201 |
| Mechanical Drawings | 2CTC800021F1300.pdf 2CTC800021F1301.dxf 2CTC800021F1302.stp 2CTC800021F1303.igs |

Classifications

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|----------------------------|-------------------------------------------------------------|
| 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 | 141ECC |

Categories

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

