



PRODUCT-DETAILS

# OVR T2 1N 80-275s P TS QS

## OVR T2 1N 80-275s P TS QS Surge Protective Device



General Information	
Extended Product Type	OVR T2 1N 80-275s P TS QS
Product ID	2CTB815708R0200
EAN	3660308525413
Catalog Description	OVR T2 1N 80-275s 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 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 Protection Level (U <sub>p</sub> )	1.4 kV (L-N) 1.4 kV (N-PE) 1.4 kV
Maximum Continuous Operating Voltage (U <sub>c</sub> )	(L-PE) 275 V
Temporary Overvoltage Test Value (U <sub>T</sub> )	(L-N) 337 V (N-PE) 1200 V
Rated Service Short-Circuit Breaking Capacity (I <sub>cs</sub> )	100 kA
Discharge Current	Nominal (8 / 20 μs) 20 kA I (max, 8 / 20 μs) 80 kA
Impulse Current	I (imp, 10 / 350 μs) 2 kA
Short Circuit Withstand I <sub>cc</sub>	100 kA
Power Loss	28 mW
Arrester Class	II
Number of Protected Poles	2
Number of Auxiliary Contacts NC	1
Number of Auxiliary Contacts NO	1
Number of Poles	2
Number of Conductors	2
Position of Neutral Terminals	Right
Transmission Standard	Optic
Version	Plug-in
Mounting Type	DIN-Rail
Product Type	QS
Options Provided	Industry, commercial building
Auxiliary Circuit Load	Minimum 12Vdc - 10mA Maximum 250Vac - 1A
Preventive Maintenance 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
REACH Declaration	9AKK108468A9644
REACH Information	False - does not contain substances > 0.1 mass percentage
REACH Date	20231212
Conflict Minerals Reporting Template (CMRT)	9AKK108468A3363

**Environmental**

Degree of Protection	IP20
Maximum Operating	Without Derating 5000

Altitude Permissible

Dimensions	
Width in Number of Modular Spacings	2
Product Net Width	35.6 mm
Product Net Height	95.8 mm
Product Net Depth / Length	76.7 mm
Product Net Weight	0.3 kg

Ordering	
Package Level 1 Units	box 1 piece
Package Level 1 Gross Weight	320 g
E-Number (Norway)	1623902

Certificates and Declarations	
CQC Certificate	9AKK107680A1974
Declaration	2CTC432056G1701
Declaration of Conformity - CE	9AKK108466A4617

Installation	
Instructions and Manuals	2CTC432106M1701

Popular Downloads	
Data Sheet, Technical Information	2CTC432313D0201
Mechanical Drawings	2CTC800015F0900.pdf 2CTC800015F0901.dxf 2CTC800015F0902.stp 2CTC800015F0903.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	141DCC

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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

