



PRODUCT-DETAILS

OVR T2 3N 80-440s P QS

OVR T2 3N 80-440s P QS Surge Protective Device



General Information

Extended Product Type	OVR T2 3N 80-440s P QS
Product ID	2CTB815708R4900
EAN	3660308525628
Catalog Description	OVR T2 3N 80-440s P 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

ABB EcoSolutions

Environmental Product Declaration - EPD	9AKK108468A7418
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Technical

Type of Low Voltage	TT
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Distribution System	TN-S
Suitable For	To protect the systems against the transient overvoltage (lightning)
Nominal AC Voltage of the System (U_o)	400 / 690 V
Maximum Continuous Operating Voltage (U_c)	(L-PE) 440 V
Temporary Overvoltage Test Value (U_T)	(L-N) 581 V (N-PE) 1200 V
Rated Service Short-Circuit Breaking Capacity (I_{cs})	100 kA
Discharge Current	Nominal (8 / 20 μ s) 20 kA I (max, 8 / 20 μ s) 80 kA
Impulse Current	I (imp, 10 / 350 μ s) 6.25 kA
Short Circuit Withstand I_{cc}	100 kA
Arrester Class	II
Number of Protected Poles	4
Number of Poles	4P
Number of Conductors	4
Position of Neutral Terminals	Right
Transmission Standard Version	Optic Plug-in
Product Type	QS
Options Provided	Industry, commercial building
Preventive Maintenance Feature	Yes
Status Indicator	Yes
Fuse Size	4 modular spacing

Electrical

Rated Voltage (U_r)	400 V AC
Voltage Protection Level (U_p)	1.8 kV (L-N) 1.8 kV (N-PE) 2 kV

Material Compliance

RoHS Information	9AKK108466A4617
RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
RoHS Date	20230707
REACH Declaration	9AKK107492A1906
REACH Information	False - does not contain substances > 0.1 mass percentage
REACH Date	20231212
Conflict Minerals Reporting Template (CMRT)	9AKK108468A3363
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
WEEE B2C / B2B	Business To Business

Environmental

Degree of Protection	IP20
Maximum Operating Altitude Permissible	Without Derating 5000

Dimensions

Width in Number of Modular Spacings	4
Product Net Width	71.2 mm
Product Net Height	88 mm
Product Net Depth / Length	76.7 mm
Product Net Weight	0.6 kg

Ordering

Package Level 1 Units	box 1 piece
Package Level 1 Gross Weight	630 g
E-Number (Norway)	1623906

Certificates and Declarations

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

Installation

Instructions and Manuals	2CTC432106M1701
Mounting Type	DIN-Rail

Popular Downloads

Data Sheet, Technical Information	2CTC432361D0201
Mechanical Drawings	2CTC800015F1900.pdf 2CTC800015F1901.dxf 2CTC800015F1902.stp 2CTC800015F1903.igs

External Classifications and Standards

ETIM 9	EC000941 - Surge protection device for power supply systems
ETIM 10	EC000941 - Surge protection device for power supply systems
eClass	V11.0 : 27130805
Object Classification Code	141DEC
Standards	IEC 61643-11 / EN 61643-11

Categories

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



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