

PRODUCT-DETAILS

## OVR T2 3N 80-275s P QS OVR T2 3N 80-275s P QS Surge Protective Device



General Information	
Extended Product Type	OVR T2 3N 80-275s P QS
Product ID	2CTB815708R2000
EAN	3660308525505
Catalog Description	OVR T2 3N 80-275s 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

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 $(U_o)$	230 / 400 V

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Voltage Rinding DC     350 W       Voltage Protection Level     (1, 4) K4 M       (UP)     (1, 4) K4 M       Maximum Continuous     (1, 4) K3 M       Operating Voltage (U_)     (1, 4) K3 M       Temporary Overvoltage     (1, 4) K3 M       Circuit Breaking Gaachy     (1, 4) K3 M       Obsharge Current     100 kA       Impulse Current     100 kA       Discharge Current     100 kA       Mumber of Protected     4       Poles     4       Momber of Poles     4       Mumber of Poles     4       Mountand Type     Oplating       Version     Poles       Poles Protected     4       Poles     4       Momber of Poles     4       Momber of Poles     4       Mountand Type     Oplating       Poles Protected     9       Mountand Type     Oplating       Mountand Type     Oplating       Mountand Type     Oplating       Product Type     0       Options Provided     Industry, commercial building       Poles     10       Material Compliance     Yes       Feature     Yes       Status Indicator     Yes       Fuends Status     Polesing OW       O		
(LP)       (LN) 14 W         Maximum Continuous (NPEP) 14 W       (L-PE) 275 V         Operating Volges (L_2)       (L-PE) 275 V         Temporary Overvoltage       (L-PE) 275 V         Circuit Breaking Cagacity       (N-PE) 201 V         Discharge Current       100 NA         Short Crout Withstand Ioc       100 NA         Power Loss       44 BreW         Averatic Class       11         Number of Potected       4         Poles       4         Number of Conductors       4         Position of Neutral       Right         Transmission Standard       Optic         Optics       05         Outcal Type       05         Optics       10         Product Type       05         Optics       10         Product Type       05         Optics       10         Product Type       05         Optics       10         Statis Indicator       Yes <td< th=""><th></th><th></th></td<>		
In Preparation       (I-PE) 275 V         Operating Voltage (U_2)       (I-PE) 275 V         Tendorary Overoltage       (I-NE) 337 V         Test Value (U_1)       (IN-PE) 1200 V         Discharge Current       Inora. 81 / 20 µ3 90 AA         Impulse Current       I (Imp, 10 / 350 µs) 625 KA         Short Circult Withstein Icc       100 kA         Number of Poles       44         Number of Poles       44         Number of Poles       4         Number of Poles       9         Version       Pilap.in         Mounting Type       DiN-Pilai         Product Type       QS         Optices Provided       Industry. commercial building         Preventive Maintence       Yes         Patter all Compliance       Yes         Poles States Indicator       Yes         Eurorenteal       GAKK10		
Maximum Continuous Operating Ovanotage       (L-PE) 275 V         Temporary Orworotage       (L-PE) 200 V         Text Service Short       100 kA         Circuit Inseking Capacity       100 kA         Ua)       Nominal (8 / 20 µs) 20 kA         Discharge Current       1 (max, 8 / 20 µs) 20 kA         Impulse Current       1 (max, 8 / 20 µs) 20 kA         Short Circuit Whitstand Icc       100 kA         Nomber of Protected       49 mW         Avarster Class       49 mW         Number of Poles       4         Number of Conductors       4         Poles       0 Optic         Version       Optic         Version       0 Optic         Version       0 Poly         Temmaliss       0 Optic         Temmaliss       0 Optic         Preventive Maintenance       Vesion         Preventive Maintenance       Vesion         Preventive Maintenance       Vesion         Polis Status       Following EU Directive 2011/65/EU         Polis Folomation       9AKK108466A4517         Polis Information       9AKK108466A4517         Polis Information       9AKK108466A4517         Polis Information       9AKK108466A4517	( Up)	
Test Value (Ur,)       (N-FE) 1200. V         Circul Treaking Capacity       100 kA         Urg.)       Discharge Current       100 kA         Impulse Current       100 kA         Impulse Current       100 kA         Impulse Current       100 kA         Shot Circuit Withstand Icc       100 kA         Number of Poles       44 mW         Number of Poles       44         Number of Poles       4         Number of Poles       4         Number of Poles       4         Options Forded       00 kA         Prover Loss       4         Position of Neutral       Right         Transmission Standard       Options         Options Provided       Industry, commercial building         Presture       100 kA         Status Indicator       Yes         Status Indicator       Yes         Status Indicator       Yes         Portions Provided       100 kA648437         Position Maintenance       Yes         Status Indicator       Yes         Status Indicator       Yes         Directive 2011/165/EU       20202037         Conflict Minerale       202037         Polotiong Tem		· · · · ·
Circuit Breaking Capacity (a) Nominal (8 / 20 µs) 20 kA Inpulse Current Nominal (8 / 20 µs) 20 kA Inpulse Current (max, 82 / 20 µs) 80 kA Inpulse Currents (max, 82 / 20 µs) 80 kA Inpulse Currents (max, 82 / 20 µs) 80 kA Inpulse Currents (max, 82 / 20 µs) 80 kA Inpulse Currents (max, 82 / 20 µs) 80 kA Inpulse Currents (max, 82 / 20 µs) 80 kA Inpulse Currents (max, 82 / 20 µs) 80 kA Inpulse Currents (max, 82 / 20 µs) 80 kA Inpulse Currents (max, 82 / 20 µs) 80 kA Inpulse Currents (max, 82 / 20 µs) 80 kA Inpulse Currents (max, 82 / 20 µs) 80 kA Inpulse Currents (max, 82 / 20 µs) 80 kA Inpulse Currents (max, 82 / 20 µs) 80 kA Inpulse Currents (max, 82 / 20		
Discharge Current       Nominal (# / 20 µs) 20 kA         Impulse Current       1 (imp, 10 / 350 µs) 6.25 kA         Short Circuit Withstand Icc       100 kA         Power Loss       49 mW         Arrester Class       11         Number of Protected       4         Polos       4         Number of Poles       4         Number of Poles       4         Number of Conductors       4         Version       Polics         Yersion       Policy         Yersion       Policy         Version       Policy         Yersion       Policy         Yersion       Policy         Provert Loss       QS         Optics Provided       Industry, commercial building         Preventive Maintenance       Yersion         Yersion       Yersion         Material Compliance       Yersion         Roth Information       9AKK108466A4617         Nohls Status       Following EU Directive 201165:EU         Policy Implate       Policy Implate         Material Compliance       9AKK108466A437         Policy Implate       9AKK108466A437         Policy Implate       9AKK108468A33383         Porduct Net	Circuit Breaking Capacity	100 kA
Impuse Current. I (Imp. 10 / 350 µs) 6.25 kA Shor Circuit Withstand Icc 100 kA Power Loss An Unither of Protected An Unither of Protected Anumber of Anumer of Anumber of Anumber		Nominal (8 / 20 μs) 20 kA I (max, 8 / 20 μs) 80 kA
Short Circuit Withstand Icc 100 kA Power Loss 49 mW Arrester Class 1 Number of Protected 4 Poles 4 Number of Conductors 4 Position of Neutral Right Terminats 7 Transmission Standard 0 Optic Version Plug-in Mounting Type 0 Otions Provided 1 Industry, commercial building Preventive Maintenance Yes Eature 1 Status Indicator Yes Eature 1 Status Indicator 9 Katerial Compliance 2 Number of Poly 1 RoHS Information 9 ArK 108466A4617 RoHS Information 9 ArK 108466A4617 RoHS Information 9 ArKK 108466A3383 Reporting Template ( Conflict Minerals 9 ArKK 108466A3383 Reporting Template ( Conflict Minerals 9 Provential Victor 4 Degree of Protection 1 Degree of Protection 1 Degree of Protection 1 Degree of Protection 1 Conflict Minerals 9 Product Net Width 1 T1.2 mm Product Net Height 7 Product Net Height 7 Protuct Net Width 71.2 mm Product Net Height 76.7 mm	Impulse Current	
Power Loss 49 mW Arrester Class 1 II Mumber of Potected A Poles A Unuber of Potes A Unuber of A		
Arrester Class      Number of Protected   4 Poles   - Number of Conductors   4 Poles   - Number of Conductors   4 Position of Neutral   Right Terminals   - Terminals   - Product Type   DIN-Rail Mounting Type   DIN-Rail Mounting Type   0 Polus   Type   0 Option Provided   Industry, commercial building Preventive Maintenance   Yes Eature   Yes   - Status Indicator   - Material Compliance   - RoHS Information   9AKK108466A3617 RoHS Status   Following EU Directive 2011/65/EU RoHS Information   9AKK108466A3633 Reporting Template   - COMRT    - Environmental   - Degree of Protection   IP20 Matinue Perraing   - Without Derating S000 Altitude Permissible   - Product Net Woth   71.2 mm Product Net Height   - Prot. Net With   71.2 mm Product Net Height   - Pol. 76.7 mm Length   - Prot.   - Prot.		
Number of Protected       4         Poles       4         Number of Conductors       4         Number of Conductors       4         Position of Neutral       Right         Transmission Standard       Optic         Version       PPlug-in         Mounting Type       OIN-Rail         Product Type       QS         Options Provided       Industry, commercial building         Preventve Maintenance       Yes         Feature       Yes         Status Indicator       Yes         Fuse Size       4 modular spacing         Material Compliance       SarkK108466A4617         RoHS Information       SarkK108466A4617         RoHS Status       Following EU Directive 2011r65/EU         Police of Protection       SarkK108468A3363         Reporting Template       20220317         Conflict Minerals       SarkK108468A3363         Reporting Template       20220317         CMRT)       IP20         Maximum Operating       Without Derating 5000         Maximum Operating       Without Derating 5000         Mittade Spacings       Y12 mm         Product Net Width       71.2 mm         Product Net Height		
Number of Conductors     4       Position of Neutral Transmission Standard     Optic       Yersion     Plug-In       Mounting Type     DIN-Rail       Product Type     QS       Options Provided     Industry, commercial building       Preventive Maintenance     Yes       Feature     Yes       Status Indicator     Yes       Fuse Size     4 modular spacing       Material Compliance     20220317       RoHS Information     9AKK108466A4617       RoHS Status     Following EU Directive 2011/65/EU       RoHS Status     Following EU Directive 2011/65/EU       RoHS Information     9AKK108468A3363       Reporting Template     (CMRT)       Conflict Minerals     9AKK108468A3363       Reporting Template     (P20       Maximum Operating     Without Derating 5000       Altitude Permissible     Vithout Derating 5000       Dimensions     4       Width in Number of     4       Modular Spacings     71.2 mm       Product Net Height     88 mm       Product Net Height     76.7 mm	Number of Protected	
Position of Neutral Right Terminals		4
Position of Neutral Right Terminals		
Version       Plug-in         Mounting Type       DIN-Rail         Product Type       QS         Options Provided       Industry, commercial building         Preventive Maintenance       Yes         Feature       Yes         Status Indicator       Yes         Fuse Size       4 modular spacing         Material Compliance       Satus Indicator         RoHS Information       9AKK108466A4617         RoHS Status       Following EU Directive 2011/65/EU         RoHS Status       Following EU Directive 2011/65/EU         RoHS Status       Following EU Directive 2011/65/EU         RoHS Information       9AKK108468A363         Reporting Template       (CMRT)         Environmental       IP20         Maximum Operating       Without Derating 5000         Altitude Permissible       4         Modular Spacings       4         Modular Spacings       4         Product Net Width       71.2 mm         Product Net Height       88 mm         Product Net Height       76.7 mm         Length       76.7 mm	Position of Neutral	Right
Version       Plug-in         Mounting Type       DIN-Rail         Product Type       QS         Options Provided       Industry, commercial building         Preventive Maintenance       Yes         Feature       Yes         Status Indicator       Yes         Fuse Size       4 modular spacing         Material Compliance       9AKK108466A4617         RoHS Information       9AKK108466A4617         RoHS Status       Following EU Directive 2011/65/EU         RoHS Status       Following EU Directive 2011/65/EU         RoHS Status       Following EU Directive 2011/65/EU         RoHS Information       9AKK108468A363         Reporting Template       (CMRT)         Environmental       IP20         Maximum Operating       Without Derating 5000         Altitude Permissible       4         Modular Spacings       4         Modular Spacings       4         Product Net Width       71.2 mm         Product Net Height       88 mm         Product Net Height       76.7 mm         Length       76.7 mm	Transmission Standard	Optic
Mounting Type DIN-Rait Product Type QS Options Provided Industry, commercial building Preventive Maintenance Yes Feature Size Yes Euse Size 4 modular spacing Material Compliance RoHS Information 9AKK108466A4617 RoHS Status Following EU Directive 2011/65/EU RoHS Date 20220317 Conflict Minerals Reporting Template (CMRT) Environmental Degree of Protection IP20 Maximum Operating Without Derating 5000 Altitude Permissible Dimensions Yes Product Net Width 71.2 mm Product Net Width 71.2 mm Product Net Height 88 mm Product Net Depth / 267 mm	Version	
Product Type QS Options Provided Industry, commercial building Preventive Maintenance Yes Feature Yes Fuse Size 4 modular spacing Material Compliance RoHS Information 9AKK108466A4617 RoHS Status Following EU Directive 2011/R6FLU RoHS Date 20220317 Conflict Minerals 9AKK108468A3363 Reporting Template (CMRT) INDUSTION INDUSTION INDUSTION INDUSTION INDUSTION Aktive Protection IP20 Maximum Operating Without Derating 5000 Altitude Permissible ID Dimensions 4 Width in Number of 4 Modular Spacings 1 Product Net Height 71.2 mm Product Net Height 88 mm Product Net Depth / 1000	Mounting Type	
Options Provided       Industry, commercial building         Preventive Maintenance       Yes         Feature       Yes         Feature       Yes         Status Indicator       Yes         Euse Size       4 modular spacing         Material Compliance       9AKK108466A4617         RoHS Information       9AKK108466A4617         RoHS Status       Following EU Directive 2011/65/EU         RoHS Date       2020317         Conflict Minerals       9AKK108468A3363         Reporting Template       (CMRT)         CMRT       IP20         Maximum Operating       Without Derating 5000         Altitude Permissible       4         Dimensions       4         Width in Number of       4         Modular Spacings       71.2 mm         Product Net Width       71.2 mm         Product Net Height       88 mm         Product Net Height       88 mm         Product Net Depth /       76.7 mm		QS
Preventive Maintenance Yes Feature Yes Status Indicator Yes Euse Size 4 modular spacing Material Compliance RoHS Information 9AKK108466A4617 RoHS Status Following EU Directive 2011/65/EU RoHS Date 20220317 Conflict Minerals 9AKK108468A3363 Reporting Template (CMRT) Environmental Degree of Protection IP20 Maximum Operating Without Derating 5000 Altitude Permissible Dimensions Width in Number of 4 Modular Spacings Product Net Width 71.2 mm Product Net Height 88 mm Product Net Depth / 88 mm Product Net Depth / 88 mm		Industry, commercial building
Euse Size       4 modular spacing         Material Compliance       9AKK108466A4617         RoHS Information       9AKK108466A4617         RoHS Status       Following EU Directive 2011/65/EU         RoHS Date       20220317         Conflict Minerals       9AKK108468A3363         Reporting Template       9AKK108468A3363         (CMRT)       9AKK108468A3363         Environmental       1P20         Maximum Operating       Without Derating 5000         Altitude Permissible       4         Dimensions       4         Width in Number of       4         Modular Spacings       71.2 mm         Product Net Height       88 mm         Product Net Height       76.7 mm	Preventive Maintenance	
Material Compliance         RoHS Information       9AKK108466A4617         RoHS Status       Following EU Directive 2011/65/EU         RoHS Date       20220317         Conflict Minerals       9AKK108468A3363         Reporting Template       0         CMRTD       Participation         Environmental       IP20         Maximum Operating       Without Derating 5000         Altitude Permissible       Vithout Derating 5000         Vidth in Number of       4         Modular Spacings       71.2 mm         Product Net Width       71.2 mm         Product Net Depth /       88 mm         Product Net Depth /       76.7 mm	Status Indicator	Yes
RoHS Information       9AKK108466A4617         RoHS Status       Following EU Directive 2011/65/EU         RoHS Date       20220317         Conflict Minerals       9AKK108468A3363         Reporting Template       (CMRT)         Environmental       IP20         Maximum Operating       Without Derating 5000         Altitude Permissible       4         Dimensions       4         Width in Number of       4         Modular Spacings       71.2 mm         Product Net Width       71.2 mm         Product Net Depth /       88 mm         Product Net Depth /       76.7 mm         Length       76.7 mm	Fuse Size	4 modular spacino
RoHS Status       Following EU Directive 2011/65/EU         RoHS Date       20220317         Conflict Minerals       9AKK108468A3363         Reporting Template       9AKK108468A3363         (CMRT)       9AKK108468A3363         Environmental       1P20         Maximum Operating       Without Derating 5000         Altitude Permissible       4         Dimensions       4         Width in Number of       4         Modular Spacings       71.2 mm         Product Net Width       71.2 mm         Product Net Height       88 mm         Product Net Depth /       76.7 mm	Material Compliance	
RoHS Date       20220317         Conflict Minerals       9AKK108468A3363         Reporting Template       9AKK108468A3363         (CMRT)       9AKK108468A3363         Environmental       1P20         Degree of Protection       1P20         Maximum Operating       Without Derating 5000         Altitude Permissible       4         Dimensions       4         Product Net Width       71.2 mm         Product Net Height       88 mm         Product Net Height       76.7 mm         Length       76.7 mm	RoHS Information	9AKK108466A4617
Conflict Minerals 9AKK108468A3363 Reporting Template (CMRT)  Environmental  Degree of Protection IP20 Maximum Operating Altitude Permissible  Dimensions  Vidth in Number of Modular Spacings Product Net Width 71.2 mm Product Net Height 88 mm Product Net Depth / 76.7 mm Length	RoHS Status	Following EU Directive 2011/65/EU
Reporting Template         (CMRT)         Environmental         Degree of Protection         Maximum Operating         Altitude Permissible         Without Derating 5000         Altitude Permissible         Dimensions         Width in Number of         Modular Spacings         Product Net Width         71.2 mm         Product Net Height         88 mm         Product Net Depth /         Length	RoHS Date	20220317
Degree of Protection       IP20         Maximum Operating       Without Derating 5000         Altitude Permissible       Vithout Derating 5000         Dimensions       4         Width in Number of       4         Modular Spacings       4         Product Net Width       71.2 mm         Product Net Height       88 mm         Product Net Depth /       76.7 mm         Length       71.7 mm	Reporting Template	9AKK108468A3363
Maximum Operating       Without Derating 5000         Altitude Permissible          Dimensions          Width in Number of       4         Modular Spacings       4         Product Net Width       71.2 mm         Product Net Height       88 mm         Product Net Depth /       76.7 mm         Length	Environmental	
Maximum Operating       Without Derating 5000         Altitude Permissible          Dimensions          Width in Number of       4         Modular Spacings       4         Product Net Width       71.2 mm         Product Net Height       88 mm         Product Net Depth /       76.7 mm         Length		IP20
Width in Number of       4         Modular Spacings       7         Product Net Width       71.2 mm         Product Net Height       88 mm         Product Net Depth /       76.7 mm         Length       7	Maximum Operating	
Width in Number of       4         Modular Spacings       7         Product Net Width       71.2 mm         Product Net Height       88 mm         Product Net Depth /       76.7 mm         Length       7		
Modular Spacings       71.2 mm         Product Net Width       71.2 mm         Product Net Height       88 mm         Product Net Depth /       76.7 mm         Length       76.7 mm		
Product Net Width     71.2 mm       Product Net Height     88 mm       Product Net Depth /     76.7 mm       Length     76.7 mm		4
Product Net Depth / 76.7 mm Length		71.2 mm
Product Net Depth / 76.7 mm Length	Product Net Height	
	Product Net Depth /	76.7 mm
	Product Net Weight	0.6 kg

Ordering	
Package Level 1 Units	box 1 piece
Package Level 1 Gross Weight	630 g

CQC Certificate	9AKK107680A197
Declaration	2CTC432056G170
Declaration of Conformity - CE	9AKK108466A461
nstallation	
Instructions and Manuals	2CTC432106M170

Data Sheet, Technical Information	2CTC432351D020
Mechanical Drawings	2CTC800015F1900.pd 2CTC800015F1901.dx 2CTC800015F1902.st 2CTC800015F1903.ig 2CTC800015F1903.ig

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

Categories

Low Voltage Products and Systems  $\rightarrow$  Modular DIN Rail Products  $\rightarrow$  Surge Protective Devices SPDs  $\rightarrow$  Surge Protective Devices SPD Class II





