

PRODUCT-DETAILS

# BP 12.5-230 BI D Res TS QS

## BP 12.5-230 BI D Res TS QS Surge Protective Device



### General Information

Extended Product Type	BP 12.5-230 BI D Res TS QS
Product ID	2CTB415710R0300
EAN	3660308525680
Catalog Description	BP 12.5-230 BI D Res TS QS Surge Protective Device
Long Description	BP 12.5-230 BI D Res TS QS Surge Protective Device

### Technical

Standards	IEC 61643-11 / EN 61643-11
Product Name	Surge Protective Device
Type of Low Voltage Distribution System	TT TN-S
Suitable For	To protect the systems against the transient overvoltage (lightning)
Nominal AC Voltage of the System ( $U_o$ )	230 / 400 V
Voltage Rating DC	350 V
Voltage Protection Level ( $U_p$ )	(L-N) 1.4 kV (N-PE) 1.4 kV (L-PE) 1.5 kV
Maximum Continuous Operating Voltage ( $U_c$ )	(L-PE) 275 V (L-L) - V (L-N) 275 V (N-PE) 255 V
Temporary Overvoltage Test Value ( $U_T$ )	(L-N) 337 V (N-PE) 1200 V

Discharge Current	Nominal 20 kA Maximum 80 kA Total 100 kA
Impulse Current	I (imp, 10 / 350 $\mu$ s) 12.5 kA I (total, 10 / 350 $\mu$ s) 25 kA
Lightning Impulse Current	12,5
Short Circuit Withstand Icc	100 kA
Power Loss	37 mW
Short-Circuit Protective Devices	Curve B Breakers $\leq$ 125 A Curve C Breakers $\leq$ 125 A gL Type Fuses $\leq$ 160 A gG Type Fuses $\leq$ 160 A
Arrester Class	I II
Number of Poles	2
Number of Protected Poles	2
Number of Auxiliary Contacts NC	1
Number of Auxiliary Contacts NO	1
Position of Neutral Terminals	Left
Version	Plug-in
Mounting Type	Direct mounting
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

## Environmental

Degree of Protection	IP20
Maximum Operating Altitude Permissible	Without Derating 5000

## 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

## Container Information

Package Level 1 Units	1 piece
Package Level 1 Width	117 mm
Package Level 1 Height	82 mm
Package Level 1 Depth / Length	41 mm
Package Level 1 Gross Weight	320 g

Package Level 1 EAN	3660308525680
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## Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85363090
Country of Origin	Bulgaria (BG)
Selling Unit of Measure	piece

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## Certificates and Declarations (Document Number)

Declaration of Conformity - CE	2CTC436401G1701
Instructions and Manuals	No document needed

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## Popular Downloads

Data Sheet, Technical Information	2CTC431417D0201
Instructions and Manuals	No document needed
Mechanical Drawings	2CTC800015F1000.pdf 2CTC800015F1001.dxf 2CTC800015F1002.stp 2CTC800015F1003.igs

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## Classifications

ETIM 6	EC001457 - Combined arrester for power supply systems
ETIM 7	EC001457 - Combined arrester for power supply systems
ETIM 8	EC001457 - Combined arrester for power supply systems
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
WEEE B2C / B2B	Business To Business
CN8	85363090
Object Classification Code	141BCC

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## Categories

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



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