



# Technical Data

## Type 2 Surge Protection Device

### Brief product description:

This Type 2 Surge Protection Device provides superior protection against Transient overvoltages, by diverting the surge to earth within <25ns. And protecting all loads/circuits connected to the consumer unit.

### Features:

- Type 2 Single Phase Surge Arrester
- Fully compliant to BSEN61643-11, BSEN62305 & BS7671
- Suitable for domestic installations
- Space saving 1 module design
- Min. back up MCB 16-32A B or C curve
- Can be fitted on DIN rail directly into the consumer unit
- Grey colour to match existing circuit protection devices
- IP20 protection degree
- Response time < 25ns

### Product Images

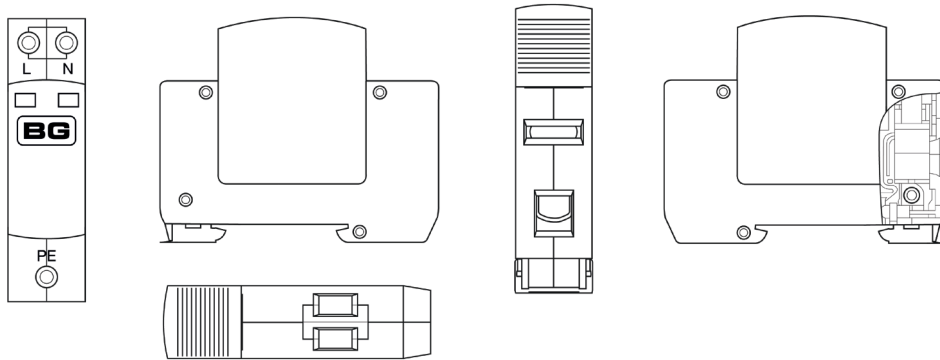


### Technical Specifications

Standard	IEC61643-1 EN61643 Type 2
Maximum continuous operating voltage UCV	275V
Voltage protection level (up)3kA (8/20μs) kA	<1.5kV
Nominal discharge current (In) (8/20μs) kA	L-N 20kA N-PE 20kA Max Discharge L-N 40kA N-PE 40kA
Response Time	<25ns
Degree of Protection	IP20
Recommended back up MCB/fuse	32A or less
Terminal Capacity	1.5 - 6mm
Visual Indication of Status	Green: OK Red : Replace Device
DIN Rail Mountable	Yes
Terminal Torque	L/N 1.2Nm PE 3Nm

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## Line Diagrams



## Packaging Information

Cat No.	Description	Packaging Type			Pack Quantity			Barcode		
		Product	Inner Box	Outer Box	Each	Inner Box	Outer Box	Individual	Inner Box	Outer Box
CUSPDT21	Type 2 single phase surge protection device	Box with label	/	Carton	1	/	200	5050765180146	/	5050765180160

## Weights & Dimensions

Cat No.	Description	Dimensions (L x W x D) cm			Weight (kg)		
		Product	Inner Box	Outer Box	Each	Inner Box	Outer Box
CUSPDT21	Type 2 single phase surge protection device	7.6 x 1.8 x 9.3	/	/	0.110	0.125	/

## Installation Information

To fit device onto DIN rail, fit top of device onto rail first and then push down bottom of device until retaining device clip 'clicks' and locks onto DIN rail.

When fitting please ensure Main Switch is butted firmly against 'pip' on far right hand side of the DIN rail.

To remove device, pull out retaining device clip from bottom of SPD (using flat screwdriver) and remove by lifting bottom part of Switch first.

**Technical Helpline: 03300 249 279**  
If in doubt consult a competent electrician.