

## Type 3 surge protection device - CBT-SCHUKO - 2857280

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Five-way socket strip, with surge protection, on/off switch, and power display. Display switches off automatically when there is a malfunction due to overload. For country-specific use in: D, A, I, NL, S, E, N, FIN



### Key commercial data

Packing unit	1 PCE
Weight per Piece (excluding packing)	680.0 GRM
Custom tariff number	85363010
Country of origin	Germany

### Technical data

#### Dimensions

Height	271 mm
Width	81 mm
Depth	42 mm
Length of cable	1.8 m

#### Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	-20 °C ... 75 °C

#### General

Housing material	PA
Inflammability class according to UL 94	V0
Color	black
Standards for air and creepage distances	DIN VDE 0110-1
	IEC 60664-1
Design	Socket strip
Mounting type	Socket strip

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## Technical data

### General

For country-specific use in	D, A, NL, E, P
Direction of action	1L-N & N-PE

### Protective circuit

IEC test classification	III
EN type	T3
Nominal voltage $U_N$	230 V AC
Arrester rated voltage $U_C$ (L-N)	260 V AC
Arrester rated voltage $U_C$ (L-PE)	260 V AC
Nominal frequency $f_N$	50 Hz (60 Hz)
Nominal current $I_N$	16 A (30 °C)
Residual current $I_{PE}$	$\leq 1 \mu A$
Nominal discharge current $I_n$ (8/20) $\mu s$ (L-N)	1.5 kA
Nominal discharge current $I_n$ (8/20) $\mu s$ (L-PE)	1.5 kA
Nominal discharge current $I_n$ (8/20) $\mu s$ (N-PE)	1.5 kA
Combined surge $U_{OC}$	4 kV
Voltage protection level $U_P$ (L-N)	$\leq 1.3$ kV
Voltage protection level $U_P$ (L-PE)	$\leq 1.5$ kV
Voltage protection level $U_P$ (N-PE)	$\leq 1.5$ kV
Residual voltage at $I_n$ , (L-N)	$\leq 1.2$ kV
Residual voltage at $I_n$ , (L-PE)	$\leq 650$ V
Residual voltage at $I_n$ , (N-PE)	$\leq 650$ V
Response time $t_A$ (L-N)	$\leq 25$ ns
Response time $t_A$ (L-PE)	$\leq 100$ ns (And N-PE)
Surge protection fault message	Optical

### Non-heating apparatus connection, power supply

Connection type IN	Grounding plug
Connection type OUT	Grounding socket

### Standards and Regulations

Standards/specifications	IEC 61643-1 2005
	EN 61643-11/A11 2007

### Classifications

eCl@ss

eCl@ss 4.0	27140201
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## Classifications

### eCl@ss

eCl@ss 4.1	27130801
eCl@ss 5.0	27130801
eCl@ss 5.1	27130801
eCl@ss 6.0	27130806
eCl@ss 7.0	27130806
eCl@ss 8.0	27130806

### ETIM

ETIM 2.0	EC000942
ETIM 3.0	EC000942
ETIM 4.0	EC000942
ETIM 5.0	EC000942

### UNSPSC

UNSPSC 6.01	30212010
UNSPSC 7.0901	39121610
UNSPSC 11	39121610
UNSPSC 12.01	39121610
UNSPSC 13.2	39121620

## Approvals

### Approvals

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### Approvals

### GOST

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### Ex Approvals

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### Approvals submitted

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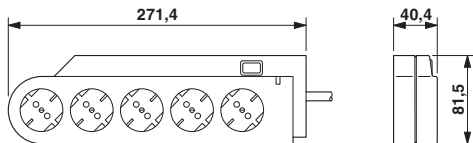
### Approval details

GOST 
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## Drawings

Dimensioned drawing



Circuit diagram

