

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) μs (L-N)	1.5 kA
Nominal discharge current I_n (8/20) μs (L-PE)	1.5 kA
Nominal discharge current I_n (8/20) μs (N-PE)	1.5 kA
Combined surge U_{OC}	4 kV
Voltage protection level U_P (L-N)	≤ 1.3 kV
Voltage protection level U_P (L-PE)	≤ 1.5 kV
Voltage protection level U_P (N-PE)	≤ 1.5 kV
Residual voltage at I_n , (L-N)	≤ 1.2 kV
Residual voltage at I_n , (L-PE)	≤ 650 V
Residual voltage at I_n , (N-PE)	≤ 650 V
Response time t_A (L-N)	≤ 25 ns
Response time t_A (L-PE)	≤ 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

Approvals

GOST

Ex Approvals

Approvals submitted

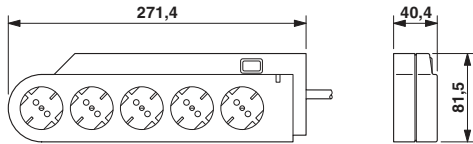
Approval details

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Drawings

Dimensioned drawing



Circuit diagram

