

Type 3 surge protection device - BT-SKT 230/A - 2859343

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Type 3 arresters for universal mounting in ground contact sockets. Protective circuit with thermal monitoring, acoustic fault warning can be switched off. Preassembled wire bridge connection for two sockets.



Key commercial data

Packing unit	1 PCE
Weight per Piece (excluding packing)	41.54 GRM
Custom tariff number	85363010
Country of origin	Germany

Technical data

Ambient conditions

Degree of protection	IP40
Ambient temperature (operation)	-25 °C ... 75 °C

General

Housing material	PA 6.6
Inflammability class according to UL 94	V0
Color	gray
Standards for air and creepage distances	DIN EN 60664-1
	EN 61643-11/A11
Design	Socket mounting module
Mounting type	Other
Number of positions	2
Direction of action	L(N)-PE

Protective circuit

IEC test classification	III
	T3

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Technical data

Protective circuit

EN type	T3
Nominal voltage U_N	230 V AC
Arrester rated voltage U_C (L-N)	335 V AC
Arrester rated voltage U_C (N-PE)	260 V AC
Nominal frequency f_N	50 Hz
	60 Hz
Nominal current I_N	16 A (30 °C)
Nominal discharge current I_n (8/20) μ s	1.5 kA
Nominal discharge current I_n (8/20) μ s (L-N)	1.5 kA
Nominal discharge current I_n (8/20) μ s (L-PE)	1.5 kA
Max. discharge current I_{max} (8/20) μ s	4.5 kA
Max. discharge current I_{max} (8/20) μ s maximum (L-N)	4.5 kA
Max. discharge current I_{max} (8/20) μ s maximum (L-PE)	4.5 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
Response time t_A (L-N)	≤ 25 ns
Response time t_A (L-PE)	≤ 100 ns
Max. required back-up fuse	16 A (gL / B)
Short-circuit resistance I_p with max. backup fuse (effective)	1.5 kA
Surge protection fault message	Acoustic

Non-heating apparatus connection, power supply

Connection method	Individual wires
Connection type IN	Individual wires with ferrules
Connection type OUT	Individual wires with ferrules
Conductor cross section stranded max.	1.5 mm ²

Standards and Regulations

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

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

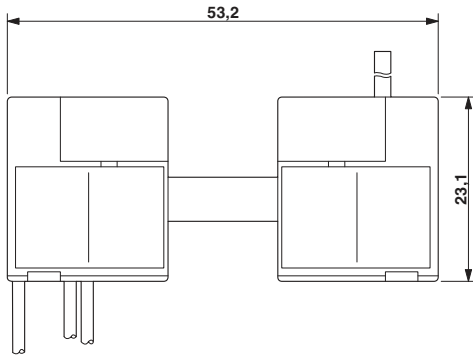
Approval details

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Drawings

Dimensioned drawing



Circuit diagram

