

## 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) $\mu$ s	1.5 kA
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
Max. discharge current $I_{max}$ (8/20) $\mu$ s	4.5 kA
Max. discharge current $I_{max}$ (8/20) $\mu$ s maximum (L-N)	4.5 kA
Max. discharge current $I_{max}$ (8/20) $\mu$ s maximum (L-PE)	4.5 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
Response time $t_A$ (L-N)	$\leq 25$ ns
Response time $t_A$ (L-PE)	$\leq 100$ 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 <sup>2</sup>

#### 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

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### Approvals

### GOST

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### Ex Approvals

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### Approvals submitted

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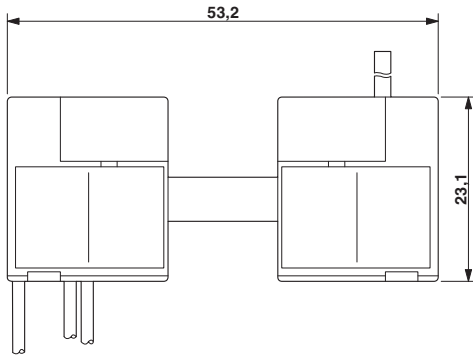
## Approval details

GOST 
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## Drawings

Dimensioned drawing



Circuit diagram

