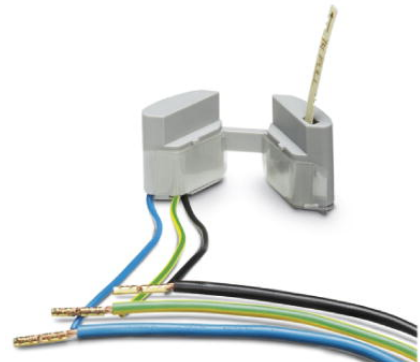



BT-SKT 230/A

Order No.: 2859343

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2859343>

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.

Commercial data

GTIN (EAN)	 4 017918 960711
sales group	J035
Pack	1 pcs.
Customs tariff	85363010
Catalog page information	Page 55 (TT-2011)

Product notesWEEE/RoHS-compliant since:
06/27/2006

[http://
www.download.phoenixcontact.com](http://www.download.phoenixcontact.com)
Please note that the data given
here has been taken from the
online catalog. For comprehensive
information and data, please refer
to the user documentation. The
General Terms and Conditions of
Use apply to Internet downloads.

Technical data**Standards**

Housing material	PA 6.6
Inflammability class acc. to UL 94	V0
Color	gray

Standards for air and creepage distances	DIN EN 60664-1
	EN 61643-11/A11
Degree of protection	IP40
Design	Socket mounting module
Mounting type	Other
Number of positions	2
Ambient temperature (operation)	-25 °C ... 75 °C
Direction of action	L(N)-PE

Protective circuit

IEC category	III
	T3
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)
Max. discharge surge current I_{max} (8/20) μ s	4.5 kA
Max. discharge surge current I_{max} (8/20) μ s maximum (L-N)	4.5 kA
Max. discharge surge current I_{max} (8/20) μ s maximum (L-PE)	4.5 kA
Combined surge U_{oc}	4 kV
Protection level U_p (L-N)	≤ 1.3 kV
Protection level U_p (L-PE)	≤ 1.5 kV
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
Message: Surge protection fault	Acoustic

Non-heating apparatus connection, power supply

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

Standards

Standard - Electrical safety	EN 61643-11/A11 2007
	IEC 61643-1 2005

Certificates / Approvals

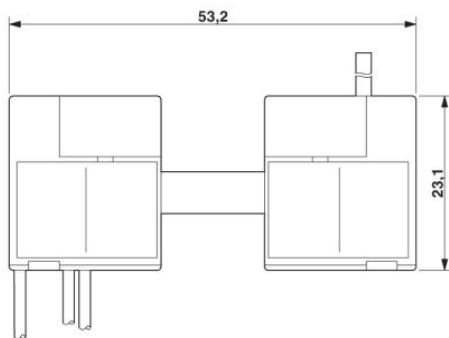


Certification

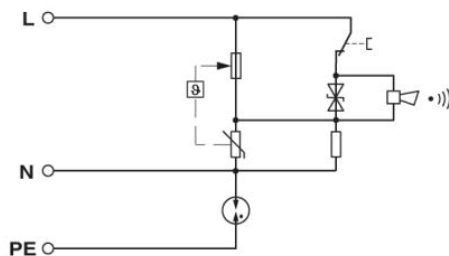
GOST

Diagrams/Drawings

Dimensioned drawing



Circuit diagram



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