BP 4-4CT - Short-circuit connector

3208723

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Plug for four current transformers, each with leading transformer short circuit

Commercial data

Item number	3208723
Packing unit	10 pc
Minimum order quantity	10 pc
Sales key	BE643X
Product key	BE643X
GTIN	4055626437552
Weight per piece (including packing)	109.98 g
Weight per piece (excluding packing)	109.98 g
Customs tariff number	85366990
Country of origin	PL

Technical data

Product properties

Product type	Plug
Number of positions	8
Pitch	6.1 mm
Number of connections	8
Number of rows	1
Potentials	8

Insulation characteristics

Overvoltage category	III
Degree of pollution	3

Electrical properties

Rated surge voltage	4 kV
Maximum power dissipation for nominal condition	1.02 W

Connection data

Nominal cross section	4 mm²
Rated cross section AWG	10
Connection method	Bolt connection
Screw thread	M4
Tightening torque	1.2 ... 1.5 Nm
Stripping length	8 mm ... 9 mm
Connection in acc. with standard	IEC 61984
Conductor cross-section rigid	0.5 mm² ... 2.5 mm²
Cross section AWG	20 ... 14 (converted acc. to IEC)
Conductor cross-section flexible	0.5 mm² ... 2.5 mm²
Conductor cross-section, flexible [AWG]	20 ... 14 (converted acc. to IEC)
Flexible conductor cross-section (ferrule with plastic sleeve)	0.5 mm² ... 2.5 mm²
Nominal current	15 A
Maximum load current	30 A
Nominal voltage	320 V

Dimensions

Width	74.4 mm
Height	40 mm
Depth	57.3 mm
Pitch	6.1 mm

Material specifications

Color	gray (RAL 7042)
Flammability rating according to UL 94	V0

Insulating material group	I
Insulating material	PA
Static insulating material application in cold	-60 °C
Relative insulation material temperature index (Elec., UL 746 B)	130 °C
Fire protection for rail vehicles (DIN EN 45545-2) R22	HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R23	HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R24	HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R26	HL 1 - HL 3
Surface flammability NFPA 130 (ASTM E 162)	passed
Specific optical density of smoke NFPA 130 (ASTM E 662)	passed
Smoke gas toxicity NFPA 130 (SMP 800C)	passed

Mechanical properties

Mechanical data

Open side panel	No

Environmental and real-life conditions

Ambient conditions

Ambient temperature (operation)	-60 °C ... 105 °C (max. short-term operating temperature RTI Elec.)
Ambient temperature (storage/transport)	-25 °C ... 60 °C (for a short time, not exceeding 24 h, -60 °C to +70 °C)
Ambient temperature (assembly)	-5 °C ... 70 °C
Ambient temperature (actuation)	-5 °C ... 70 °C
Permissible humidity (storage/transport)	30 % ... 70 %

Standards and regulations

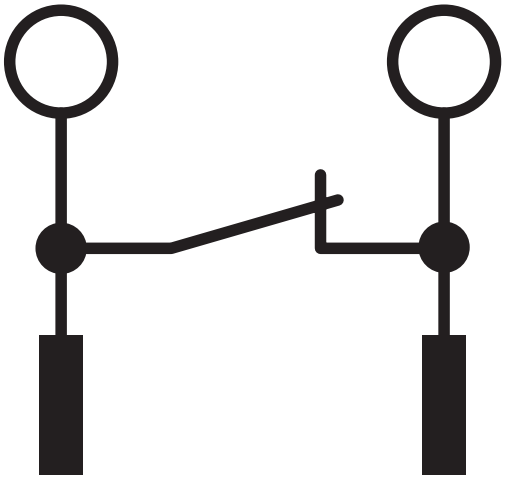
Connection in acc. with standard	IEC 61984

Mounting

Mounting type	Insertion in base strip

Drawings

Circuit diagram



Classifications

ECLASS

ECLASS-13.0	27250304
ECLASS-15.0	27250304

ETIM

ETIM 10.0	EC002555

UNSPSC

UNSPSC 21.0	39121400

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions

China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%

EF3.1 Climate Change

CO2e kg	0.782 kg CO2e

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