PHŒNIX CONTACT

Short-circuit connector - BP 4-4CT - 3208723

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

The figure shows a 10-position version

RoHS

Key Commercial Data

Packing unit	1
GTIN	4 055626 437552
GTIN	4055626437552
Custom tariff number	85366990

Technical data

General

Number of positions	8
Number of levels	1
Number of connections	8
Potentials	8
Nominal cross section	4 mm²
Color	gray
Insulating material	PA
Flammability rating according to UL 94	V0
Rated surge voltage	4 kV
Degree of pollution	3
Overvoltage category	III
Insulating material group	I

PHŒNIX CONTACT

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Technical data

General

Maximum power dissipation for nominal condition	1.02 W
Maximum load current	30 A
Nominal current I_N	15 A
Nominal voltage U_N	320 V
Open side panel	No
Ambient temperature (operation)	-60 °C ... 85 °C
Ambient temperature (storage/transport)	-25 °C ... 55 °C (For a short time, not exceeding 24 h, -60 to +70 °C)
Permissible humidity (storage/transport)	30 % ... 70 %
Ambient temperature (assembly)	-5 °C ... 70 °C
Ambient temperature (actuation)	-5 °C ... 70 °C

Dimensions

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

Connection data

Connection method	Bolt connection
Screw thread	M4
Stripping length	8 mm ... 9 mm
Tightening torque, min	1.2 Nm
Tightening torque max	1.5 Nm
Connection in acc. with standard	IEC 61984
Conductor cross section solid min.	0.5 mm²
Conductor cross section solid max.	2.5 mm²
Conductor cross section AWG min.	20
Conductor cross section AWG max.	14
Conductor cross section flexible min.	0.5 mm²
Conductor cross section flexible max.	2.5 mm²
Min. AWG conductor cross section, flexible	20
Max. AWG conductor cross section, flexible	14
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.5 mm²
Conductor cross section flexible, with ferrule with plastic sleeve max.	2.5 mm²

Standards and Regulations

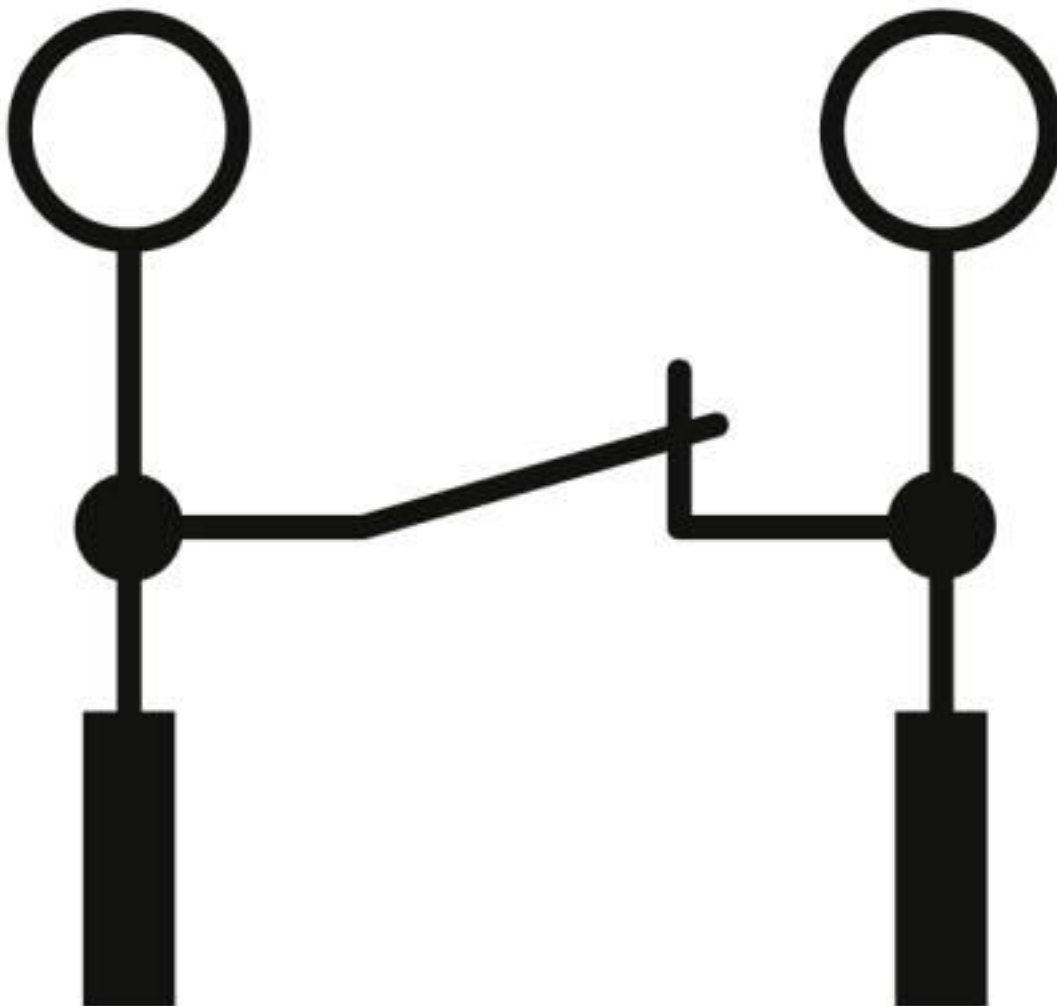|	
Connection in acc. with standard	IEC 61984
Flammability rating according to UL 94	V0

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Technical data

Environmental Product Compliance

REACh SVHC	Lead 7439-92-1
China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Drawings

Circuit diagram

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Classifications

eCl@ss

eCl@ss 10.0.1	27141120
eCl@ss 4.0	27141111
eCl@ss 4.1	27141111
eCl@ss 5.0	27141133
eCl@ss 5.1	27141133
eCl@ss 6.0	27141100
eCl@ss 7.0	27141120
eCl@ss 8.0	27141120
eCl@ss 9.0	27141120

ETIM

ETIM 3.0	EC000886
ETIM 4.0	EC000886
ETIM 5.0	EC000897
ETIM 6.0	EC000897
ETIM 7.0	EC000897

UNSPSC

UNSPSC 6.01	30211802
UNSPSC 7.0901	39121402
UNSPSC 11	39121402
UNSPSC 12.01	39121402
UNSPSC 13.2	39121402
UNSPSC 18.0	39121410
UNSPSC 19.0	39121410
UNSPSC 20.0	39121410
UNSPSC 21.0	39121410

Accessories

Accessories

Coding element

Coding star - PC - 3040588

Coding star, length: 3 mm, width: 3 mm, height: 6 mm, color: red

PHŒNIX CONTACT

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Accessories

Connector

Ring cable lug - C-RCI 1,5/M4 - 3240018

Ring cable lug, red, 0.5 ... 1.5 mm², M4

Ring cable lug - C-RCI 2,5/M4 - 3240023

Ring cable lug, blue, 1.5 ... 2.5 mm², M4

Ring cable lug - C-RCI 6/M4 - 3240027

Ring cable lug, yellow, 4 ... 6 mm², M4

Ring cable lug - C-RCEI 1,5/M4 - 3241203

Ring cable lug, red, 0.5 ... 1.5 mm², M4, with copper sleeve incorporated, for insulation crimp

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Ring cable lug - C-RCEI 2,5/M4 - 3241207

Ring cable lug, blue, 1.5 ... 2.5 mm², M4, with copper sleeve incorporated, for insulation crimp

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Accessories

Labeled terminal marker

Zack Marker strip, flat - ZBF 6 CUS - 0825027

Zack Marker strip, flat, Strip, can be ordered: Strip, white, labeled according to customer specifications, mounting type: snap into flat marker groove, for terminal block width: 6.2 mm, lettering field size: 5.15 x 6.15 mm, Number of individual labels: 10

Marker for terminal blocks - UC-TMF 6 CUS - 0824646

Marker for terminal blocks, can be ordered: by sheet, white, labeled according to customer specifications, mounting type: snap into flat marker groove, for terminal block width: 6.2 mm, lettering field size: 5.6 x 5.1 mm, Number of individual labels: 80

Marker for terminal blocks - UCT-TMF 6 CUS - 0829665

Marker for terminal blocks, can be ordered: by sheet, white, labeled according to customer specifications, mounting type: snap into flat marker groove, for terminal block width: 6.2 mm, lettering field size: 5.4 x 4.7 mm, Number of individual labels: 60

Zack Marker strip, flat - ZBF 6,LGS:FORTL.ZAHLEN - 0808749

Zack Marker strip, flat, Strip, white, labeled, printed horizontally: consecutive numbers 1 ... 10, 11 ... 20, etc. up to 91 ... 100, mounting type: snap into flat marker groove, for terminal block width: 6.2 mm, lettering field size: 5.15 x 6.15 mm, Number of individual labels: 10

Zack Marker strip, flat - ZBF 6,QR:FORTL.ZAHLEN - 0808765

Zack Marker strip, flat, Strip, white, labeled, Printed vertically: consecutive numbers 1 ... 10, 11 ... 20, etc. up to 91 ... 100, mounting type: snap into flat marker groove, for terminal block width: 6.2 mm, lettering field size: 5.15 x 6.15 mm, Number of individual labels: 10

Short-circuit connector - BP 4-4CT - 3208723

Accessories

Zack Marker strip, flat - ZBF 6,LGS:GERADE ZAHLEN - 0810834

Zack Marker strip, flat, Strip, white, labeled, printed horizontally: consecutive numbers 2 ... 20, 22 ... 40, etc. up to 82 ... 100, mounting type: snap into flat marker groove, for terminal block width: 6.2 mm, lettering field size: 5.15 x 6.15 mm, Number of individual labels: 10

Zack Marker strip, flat - ZBF 6,LGS:UNGERADE ZAHLEN - 0810876

Zack Marker strip, flat, Strip, white, labeled, printed horizontally: Odd numbers 1 - 19, 21 - 39, etc. up to 81 - 99, mounting type: snap into flat marker groove, for terminal block width: 6.2 mm, lettering field size: 5.15 x 6.15 mm, Number of individual labels: 10

Screwdriver tools

Screwdriver - SZS 0,8X4,0 VDE - 1212508

Screwdriver, slot-headed, VDE insulated, size: 0.8 x 4.0 x 100 mm, 2-component grip, with non-slip grip

Terminal marking

Zack Marker strip, flat - ZBF 6:UNBEDRUCKT - 0808710

Zack Marker strip, flat, Strip, white, unlabeled, can be labeled with: PLOTMARK, CMS-P1-PLOTTER, mounting type: snap into flat marker groove, for terminal block width: 6.2 mm, lettering field size: 5.15 x 6.15 mm, Number of individual labels: 10

Marker for terminal blocks - UC-TMF 6 - 0818140

Marker for terminal blocks, Sheet, white, unlabeled, can be labeled with: BLUEMARK ID COLOR, BLUEMARK ID, BLUEMARK CLED, PLOTMARK, CMS-P1-PLOTTER, mounting type: snap into flat marker groove, for terminal block width: 6.2 mm, lettering field size: 5.6 x 5.1 mm, Number of individual labels: 80

Short-circuit connector - BP 4-4CT - 3208723

Accessories

Marker for terminal blocks - UCT-TMF 6 - 0828746

Marker for terminal blocks, Sheet, white, unlabeled, can be labeled with: TOPMARK NEO, TOPMARK LASER, BLUEMARK ID COLOR, BLUEMARK ID, BLUEMARK CLED, THERMOMARK PRIME, THERMOMARK CARD 2.0, THERMOMARK CARD, mounting type: snap into flat marker groove, for terminal block width: 6.2 mm, lettering field size: 5.4 x 4.7 mm, Number of individual labels: 60

Additional products

Connector - FC 4-PCB/8 - 3208694

PCB header, 8-pos.