

## Short-circuit connector - BP 4-5CT - 3208733

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



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



### Key Commercial Data

Packing unit	1 STK
Minimum order quantity	10 STK
Custom tariff number	85366990
Country of origin	Poland

### Technical data

#### Environmental Product Compliance

China RoHS	No hazardous substances above threshold values
------------	--

#### General

Number of positions	10
Number of levels	1
Number of connections	10
Potentials	10
Nominal cross section	4 mm <sup>2</sup>
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

# Short-circuit connector - BP 4-5CT - 3208733

## Technical data

### General

Ambient temperature (operation)	-50 °C ... 100 °C (see derating curve)
Ambient temperature (assembly)	-40 °C ... 100 °C
Maximum load current	30 A
Nominal current $I_N$	15 A
Nominal voltage $U_N$	320 V
Open side panel	No
Relative insulation material temperature index (Elec., UL 746 B)	130 °C
Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21))	130 °C
Static insulating material application in cold	-60 °C
Behavior in fire for rail vehicles (DIN 5510-2)	Test passed
Flame test method (DIN EN 60695-11-10)	V0
Oxygen index (DIN EN ISO 4589-2)	>32 %
NF F16-101, NF F10-102 Class I	2
NF F16-101, NF F10-102 Class F	2
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
Calorimetric heat release NFPA 130 (ASTM E 1354)	28 MJ/kg
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

### Dimensions

Width	86.5 mm
Length	56.6 mm
Height	40 mm
Pitch	6.1 mm

### Connection data

Connection method	Bolt connection
Connection in acc. with standard	IEC 61984
Conductor cross section solid min.	0.5 mm <sup>2</sup>
Conductor cross section solid max.	2.5 mm <sup>2</sup>
Conductor cross section AWG min.	20
Conductor cross section AWG max.	14
Conductor cross section flexible min.	0.5 mm <sup>2</sup>
Conductor cross section flexible max.	2.5 mm <sup>2</sup>

# Short-circuit connector - BP 4-5CT - 3208733

## Technical data

### Connection data

Min. AWG conductor cross section, flexible	20
Max. AWG conductor cross section, flexible	14
Stripping length	8 mm ... 9 mm
Screw thread	M4
Tightening torque, min	1.2 Nm
Tightening torque max	1.5 Nm

### Standards and Regulations

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

## Drawings

### Circuit diagram



## Classifications

### eCl@ss

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

### ETIM

ETIM 3.0	EC000886
ETIM 4.0	EC000886
ETIM 5.0	EC000886

### UNSPSC

UNSPSC 6.01	30211802
UNSPSC 7.0901	39121402
UNSPSC 11	39121402
UNSPSC 12.01	39121402

## Short-circuit connector - BP 4-5CT - 3208733

### Classifications

#### UNSPSC

UNSPSC 13.2	39121402
-------------	----------

### Accessories

#### Accessories

#### Coding element

Coding star - PC - 3040588



Coding star, Length: 3 mm, Width: 3 mm, Height: 6 mm, Color: red

---

### Connector

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



Ring cable lug, red, 0.5 ... 1.5 mm<sup>2</sup>, M4

---

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



Ring cable lug, blue, 1.5 ... 2.5 mm<sup>2</sup>, M4

---

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



Ring cable lug, yellow, 4 ... 6 mm<sup>2</sup>, M4

## Short-circuit connector - BP 4-5CT - 3208733

### Accessories

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



Ring cable lug, red, 0.5 ... 1.5 mm<sup>2</sup>, M4, with copper sleeve incorporated, for insulation crimp

---

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



Ring cable lug, blue, 1.5 ... 2.5 mm<sup>2</sup>, M4, with copper sleeve incorporated, for insulation crimp

---

### 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: 5.15 x 6.15 mm

---

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: 5.6 x 5.1 mm

---

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: 5.4 x 4.7 mm

---

## Short-circuit connector - BP 4-5CT - 3208733

### Accessories

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: 5.15 x 6.15 mm

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: 5.15 x 6.15 mm

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: 5.15 x 6.15 mm

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: 5.15 x 6.15 mm

### Terminal marking

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



Zack Marker strip, flat, Strip, white, unlabeled, can be labeled with: Plotter, Mounting type: Snap into flat marker groove, for terminal block width: 6.2 mm, Lettering field: 5.15 x 6.15 mm

## Short-circuit connector - BP 4-5CT - 3208733

### Accessories

#### Marker for terminal blocks - UC-TMF 6 - 0818140



Marker for terminal blocks, Sheet, white, unlabeled, can be labeled with: BLUEMARK CLED, BLUEMARK LED, Plotter, Mounting type: Snap into flat marker groove, for terminal block width: 6.2 mm, Lettering field: 5.6 x 5.1 mm

---

#### Marker for terminal blocks - UCT-TMF 6 - 0828746



Marker for terminal blocks, Sheet, white, unlabeled, can be labeled with: THERMOMARK CARD, BLUEMARK CLED, BLUEMARK LED, TOPMARK LASER, THERMOMARK PRIME, Mounting type: Snap into flat marker groove, for terminal block width: 6.2 mm, Lettering field: 5.4 x 4.7 mm

---

### Additional products

#### Connector - FC 4-PCB/10 - 3208736



PCB header, 10-pos.