

# Printed-circuit board connector - PC 6-16/ 3-G1-10,16 BK - 1733851

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PCB headers, nominal current: 76 A, rated voltage (III/2): 1000 V, number of positions: 3, pitch: 10.16 mm, color: black, contact surface: Silver, mounting: Wave soldering



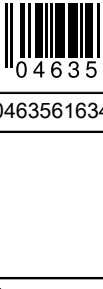
The figure shows a 5-pos. version of the product

## Your advantages

- Well-known mounting principle allows worldwide use
- Maximum flexibility when it comes to device design – one header for connectors with different connection technologies



## Key Commercial Data

Packing unit	50 pc
GTIN	 4 046356 163439
GTIN	4046356163439

## Technical data

### Dimensions

Length [ l ]	34 mm
Width	33.52 mm
Pitch	10.16 mm
Dimension a	20.32 mm
Width [ w ]	33.52 mm
Height [ h ]	17.5 mm
Height	13.4 mm
Length of the solder pin	4.1 mm
Pin dimensions	1 x 1.2 mm
Length	34 mm

### General

Range of articles	PC 6-16/..-G1
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## Technical data

### General

Rated voltage (III/3)	1000 V
Connection in acc. with standard	EN-VDE
Nominal current $I_N$	76 A
Color	black
Number of positions	3

### Standards and Regulations

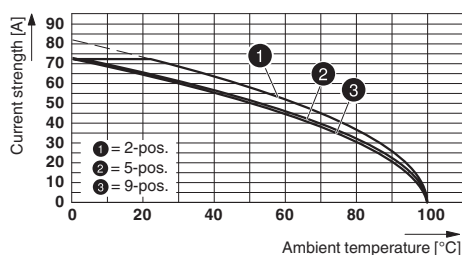
Connection in acc. with standard	EN-VDE
	CUL

### Environmental Product Compliance

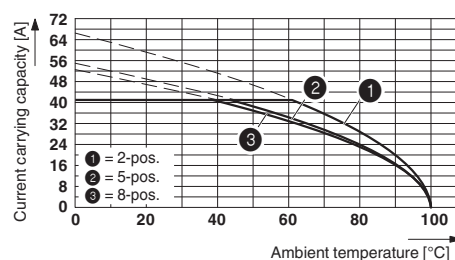
China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

## Drawings

Diagram



Diagram



Type: PC 16/...-ST-10,16 with PC 6-16/...-G1-10,16

Derating curve for: PC 6/...-ST-10,16 with PC 6-16/...-G1-10,16

## Approvals

### Approvals

#### Approvals

IECEE CB Scheme / SEV / EAC / cULus Recognized

#### Ex Approvals

### Approval details

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## Approvals

IECEE CB Scheme		<a href="http://www.iecee.org/">http://www.iecee.org/</a>	CH-8077
Nominal voltage UN	1000 V		
Nominal current IN	76 A		

SEV		<a href="https://www.electrosuisse.ch/de/meta/shop/produktezertifikate.html">https://www.electrosuisse.ch/de/meta/shop/produktezertifikate.html</a>	IK-3431
Nominal voltage UN	1000 V		
Nominal current IN	76 A		

EAC			B.01742
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cULus Recognized		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	E60425-20040202
	D	B	C
Nominal voltage UN	600 V	300 V	300 V
Nominal current IN	5 A	66 A	66 A

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PHOENIX CONTACT GmbH & Co. KG  
Flachsmarktstr. 8  
32825 Blomberg  
Germany  
Tel. +49 5235 300  
Fax +49 5235 3 41200  
<http://www.phoenixcontact.com>