

## Printed-circuit board connector - MCC 1/18-STZ-3,81 BK - 1971769

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>)

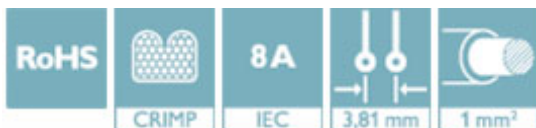
PCB connector, nominal current: 8 A, number of positions: 18, pitch: 3.81 mm, connection method: Crimp connection, color: black, contact surface: Tin




The figure shows a 10-position version of the product

### Your advantages

- ✓ Inexpensive connection of large quantities of pre-assembled conductors
- ✓ Pull-out aid facilitates handling and allows the tensile force to be reduced at the contact point



### Key Commercial Data

Packing unit	50 pc
GTIN	 4 017918 932275
GTIN	4017918932275

### Technical data

#### Dimensions

Pitch	3.81 mm
Dimension a	64.77 mm

#### General

Range of articles	MCC 1/...-STZ
Number of positions	18
Connection method	Crimp connection
Rated voltage (III/3)	160 V
Connection in acc. with standard	EN-VDE
Nominal current $I_N$	8 A
Nominal cross section	1 mm²

#### Connection data

Conductor cross section flexible min.	0.2 mm²
---------------------------------------	---------

# Printed-circuit board connector - MCC 1/18-STZ-3,81 BK - 1971769

## Technical data

### Connection data

Conductor cross section flexible max.	1 mm <sup>2</sup>
Conductor cross section AWG min.	24
Conductor cross section AWG max.	18
Minimum AWG according to UL/CUL	20
Maximum AWG according to UL/CUL	18

### 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

## Approvals


### Approvals


Approvals

EAC / cULus Recognized

Ex Approvals

### Approval details

EAC		B.01742
-----	---	---------

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>	E60425-20110128
	D	B	
Nominal voltage UN	300 V	300 V	
Nominal current IN	5 A	5 A	
mm <sup>2</sup> /AWG/kcmil	24-22	24-22	

Phoenix Contact 2018 © - all rights reserved  
<http://www.phoenixcontact.com>

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

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Phoenix Contact:

1971769