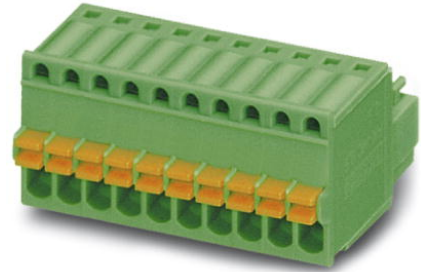


## FK-MC 0,5/10-ST-2,5

Order No.: 1881406

The figure shows a 10-position version of the product

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1881406>

Plug component, Nominal current: 4 A, Nom. voltage: 100 V, Pitch:  
2.5 mm, Number of positions: 10, Connection type: Spring-cage conn.,  
Color: green

### Commercial data

EAN	4017918156657
Pack	50 pcs.
Customs tariff	85366990
Weight/Piece	0.006216 KG
Catalog page information	Page 136 (CC-2009)

### Product notes

WEEE/RoHS-compliant since:  
01/01/2003



<http://www.download.phoenixcontact.com>  
Please note that the data given here has been taken from the online catalog. For comprehensive information and data, please refer to the user documentation. The General Terms and Conditions of Use apply to Internet downloads.

### Technical data

#### Dimensions / positions

Pitch	2.5 mm
Dimension a	22.5 mm
Number of positions	10

**Technical data**

Insulating material group	I
Rated surge voltage (III/3)	1.5 kV
Rated surge voltage (III/2)	2.5 kV
Rated surge voltage (II/2)	2.5 kV
Rated voltage (III/2)	160 V
Rated voltage (II/2)	320 V
Connection in acc. with standard	EN-VDE
Nominal current $I_N$	4 A
Nominal voltage $U_N$	100 V
Nominal cross section	0.5 mm <sup>2</sup>
Maximum load current	4 A (with 0.5 mm <sup>2</sup> conductor cross section)
Insulating material	PA
Inflammability class acc. to UL 94	V0
Stripping length	8 mm

**Connection data**

Conductor cross section solid min.	0.14 mm <sup>2</sup>
Conductor cross section solid max.	0.5 mm <sup>2</sup>
Conductor cross section stranded min.	0.14 mm <sup>2</sup>
Conductor cross section stranded max.	0.5 mm <sup>2</sup>
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.25 mm <sup>2</sup>
Conductor cross section stranded, with ferrule without plastic sleeve max.	0.5 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	26
Conductor cross section AWG/kcmil max	20

**Certificates / Approvals**



Certification

CB, CUL, GOST, UL, VDE-PZI

**CUL**

Nominal voltage $U_N$	125 V
Nominal current $I_N$	4 A

AWG/kcmil	28-20
<b>UL</b>	
Nominal voltage $U_N$	125 V
Nominal current $I_N$	4 A
AWG/kcmil	28-20

**Accessories**

Item	Designation	Description
<b>Marking</b>		
0804853	SK 2,54/2,8:FORTL.ZAHLEN	Marker card, printed horizontally, self-adhesive, 10-section marker strip, 14 identical decades marked 1-10, 11-20 etc. up to 91-100, sufficient for 140 terminal blocks

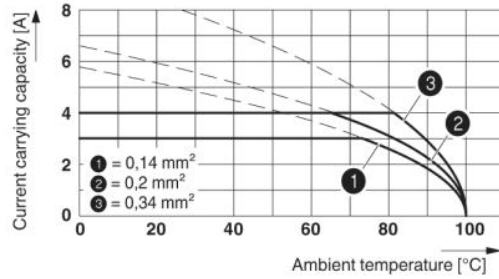
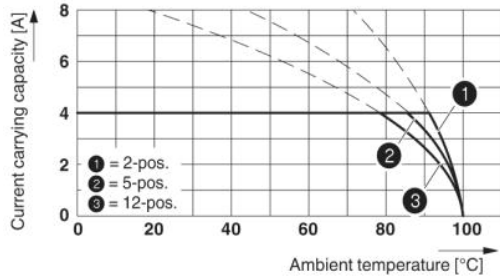
<b>Tools</b>		
1205202	SZS 0,4X2,0	Screwdriver, bladed, matches all screw terminal blocks up to 1.5 mm <sup>2</sup> connection cross section, blade width: 2.5 mm, without approvals

**Additional products**

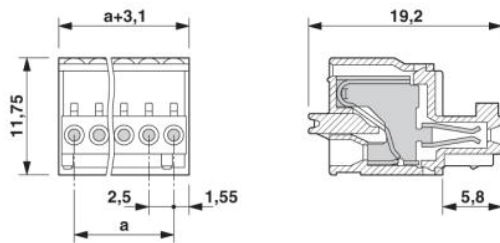
Item	Designation	Description
<b>General</b>		
1881529	MC 0,5/10-G-2,5	Header, Nominal current: 4 A, Nom. voltage: 80 V, Pitch: 2.5 mm, Number of positions: 10, Color: green, Assembly: Soldering
1894888	MCD 0,5/10-G1-2,5	Header, Nominal current: 4 A, Nom. voltage: 80 V, Pitch: 2.5 mm, Number of positions: 10, Color: green, Assembly: Soldering
1894998	MCDV 0,5/10-G1-2,5	Header, Nominal current: 4 A, Nom. voltage: 80 V, Pitch: 2.5 mm, Number of positions: 10, Color: green, Assembly: Soldering
1881639	MCV 0,5/10-G-2,5	Header, Nominal current: 4 A, Nom. voltage: 80 V, Pitch: 2.5 mm, Number of positions: 10, Color: green, Assembly: Soldering

**Diagrams/Drawings**

Diagram



Dimensioned drawing



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