

## Excellent Integrated System Limited

Stocking Distributor

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[Phoenix Contact](#)  
[1881367](#)

For any questions, you can email us directly:

[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)

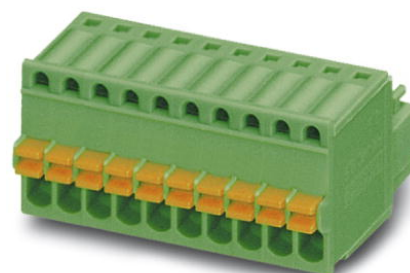


Extract from the online catalog

## FK-MC 0,5/ 6-ST-2,5

Order No.: 1881367

The figure shows a 10-position version of the product



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1881367>

Plug component, Nominal current: 4 A, Nom. voltage: 100 V, Pitch: 2.5 mm, Number of positions: 6, Connection type: Spring-cage conn., Color: green

Commercial data	
EAN	4017918156619
Pack	50 pcs.
Customs tariff	85366990
Weight/Piece	0.003891 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	12.5 mm
Number of positions	6

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**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

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<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1881367>

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

**Tools**

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
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**Additional products**

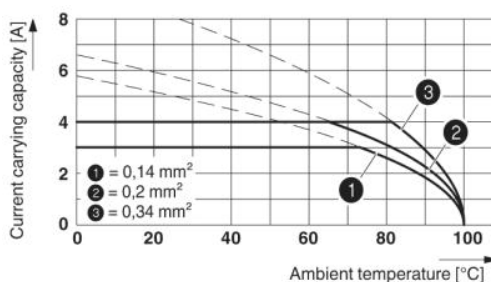
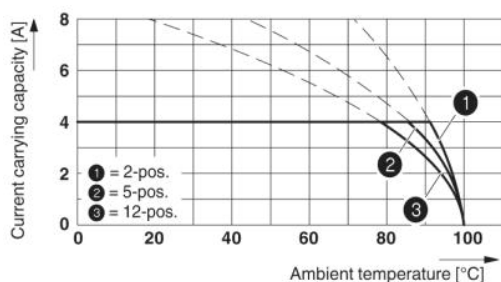
Item	Designation	Description
<b>General</b>		
1881480	MC 0,5/ 6-G-2,5	Header, Nominal current: 4 A, Nom. voltage: 80 V, Pitch: 2.5 mm, Number of positions: 6, Color: green, Assembly: Soldering
1894846	MCD 0,5/ 6-G1-2,5	Header, Nominal current: 4 A, Nom. voltage: 80 V, Pitch: 2.5 mm, Number of positions: 6, Color: green, Assembly: Soldering
1894956	MCDV 0,5/ 6-G1-2,5	Header, Nominal current: 4 A, Nom. voltage: 80 V, Pitch: 2.5 mm, Number of positions: 6, Color: green, Assembly: Soldering
1881590	MCV 0,5/ 6-G-2,5	Header, Nominal current: 4 A, Nom. voltage: 80 V, Pitch: 2.5 mm, Number of positions: 6, Color: green, Assembly: Soldering

FK-MC 0,5/ 6-ST-2,5 Order No.: 1881367

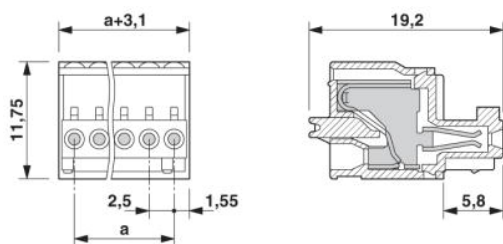
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**Diagrams/Drawings**

Diagram



Dimensioned drawing



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