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Phoenix Contact
1881422

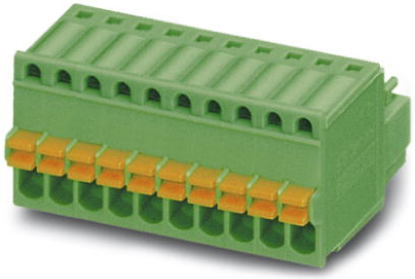
For any questions, you can email us directly:
sales@integrated-circuit.com

Extract from the online catalog

FK-MC 0,5/12-ST-2,5

Order No.: 1881422

The figure shows a 10-position version of the product



http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1881422

Plug component, Nominal current: 4 A, Nom. voltage: 100 V, Pitch: 2.5 mm, Number of positions: 12, Connection type: Spring-cage conn., Color: green

Commercial data	
EAN	4017918156671
Pack	50 pcs.
Customs tariff	85366990
Weight/Piece	0.00742 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	27.5 mm
Number of positions	12

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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 mm²
Maximum load current	4 A (with 0.5 mm^2 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 mm²
Conductor cross section solid max.	0.5 mm²
Conductor cross section stranded min.	0.14 mm²
Conductor cross section stranded max.	0.5 mm²
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.25 mm²
Conductor cross section stranded, with ferrule without plastic sleeve max.	0.5 mm²
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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AWG/kcmil	28-20

UL

Nominal voltage U_N	125 V
Nominal current I_N	4 A
AWG/kcmil	28-20

Accessories

Item	Designation	Description
Marking		
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 mm² connection cross section, blade width: 2.5 mm, without approvals

Additional products

Item	Designation	Description
General		
1881545	MC 0,5/12-G-2,5	Header, Nominal current: 4 A, Nom. voltage: 80 V, Pitch: 2.5 mm, Number of positions: 12, Color: green, Assembly: Soldering
1894901	MCD 0,5/12-G1-2,5	Header, Nominal current: 4 A, Nom. voltage: 80 V, Pitch: 2.5 mm, Number of positions: 12, Color: green, Assembly: Soldering
1895010	MCDV 0,5/12-G1-2,5	Header, Nominal current: 4 A, Nom. voltage: 80 V, Pitch: 2.5 mm, Number of positions: 12, Color: green, Assembly: Soldering
1881655	MCV 0,5/12-G-2,5	Header, Nominal current: 4 A, Nom. voltage: 80 V, Pitch: 2.5 mm, Number of positions: 12, Color: green, Assembly: Soldering

FK-MC 0,5/12-ST-2,5 Order No.: 1881422
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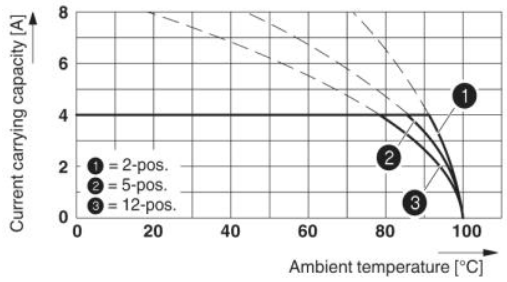
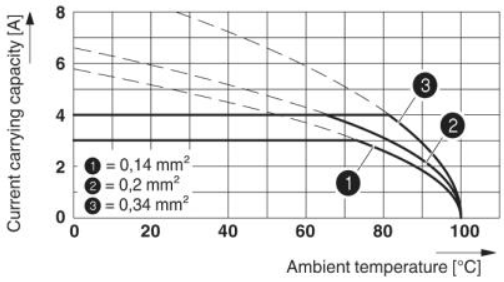
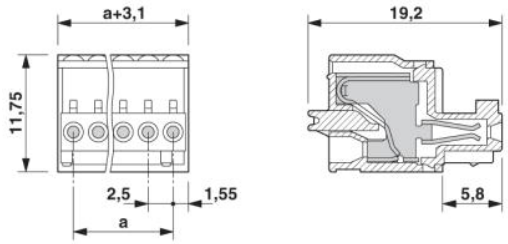
Diagrams/Drawings

Diagram





Dimensioned drawing



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