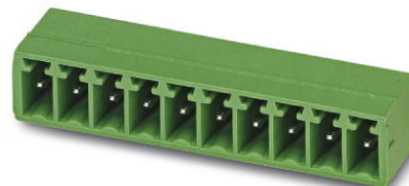


## MC 1,5/ 5-G-3,81

Order No.: 1803303

The figure shows a 10-position version of the product

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1803303>Header, nominal current: 8 A, rated voltage: 160 V, pitch: 3.81 mm, no.  
of positions: 5, mounting: Soldering

### Commercial data

EAN	4017918045616
Pack	50 Pcs.
Customs tariff	85366990
Weight/Piece	0.001608 KG
Catalog page information	Page 152 (CC-2007)

### 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

Height	7.7 mm
Pitch	3.81 mm
Dimension a	15.24 mm
Number of positions	5
Pin dimensions	0,8 x 0,8 mm

Hole diameter	1.2 mm
<b>Technical data</b>	
Insulating material group	IIIa
Rated surge voltage (III/3)	2.5 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)	250 V
Connection in acc. with standard	EN-VDE
Nominal current $I_N$	8 A
Nominal voltage $U_N$	160 V
Maximum load current	8 A
Insulating material	PBT
Inflammability class acc. to UL 94	V0

#### Certificates / Approvals



#### CSA

Nominal voltage $U_N$	300 V
Nominal current $I_N$	8 A

#### CUL

Nominal voltage $U_N$	300 V
Nominal current $I_N$	8 A

#### UL

Nominal voltage $U_N$	300 V
Nominal current $I_N$	8 A
Certification	CB, CSA, CUL, GOST, UL, VDE-PZI

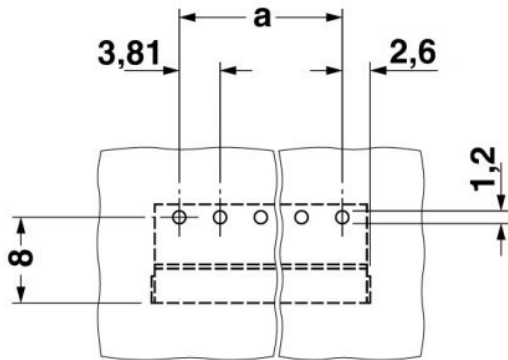
Accessories		
Item	Designation	Description
<b>General</b>		
1841174	MC 1,5/10-LWL 1,5-3,81	MINI-COMBICON optical fibers, pitch 3.81 mm, 10-position, divisible, are snapped into the back of the MC header, color: transparent, dimension a: 1.5 mm
1841190	MC 1,5/10-LWL 2,3-3,81	MINI-COMBICON optical fibers, pitch 3.81 mm, 10-position, divisible, are snapped into the back of the MC header, color: transparent, dimension a: 2.3 mm
1841213	MC 1,5/10-LWL 4-3,81	MINI-COMBICON optical fibers, pitch 3.81 mm, 10-position, divisible, are snapped into the back of the MC header, color: transparent, dimension a: 4.0 mm
<b>Marking</b>		
1051993	B-STIFT	Marker pen, for manual labeling of unprinted Zack strips, smear-proof and waterproof, line thickness 0.5 mm
0804109	SK 3,81/2,8:FORTL.ZAHLEN	Marker card, printed horizontally, self-adhesive, 10-section marker strip, 14 identical decades marked 1-10, 11-20 etc. up to 91-(99)100, sufficient for 140 terminal blocks
0805056	SK 3,81/2,8:SO	Marker card, special printing, self-adhesive, labeled acc. to customer requirements, 14 identical marker strips per card, max. 25-position labeling per strip, color: White
<b>Plug/Adapter</b>		
1734634	CP-MSTB	Coding profile, is inserted into the slot on the plug or inverted header, red insulating material

Additional products		
Item	Designation	Description
<b>General</b>		
1851070	FK-MCP 1,5/ 5-ST-3,81	Plug component, nominal current: 8 A, rated voltage: 160 V, pitch: 3.81 mm, no. of positions: 5, type of connection: Spring-cage connection
1850699	FRONT-MC 1,5/ 5-ST-3,81	Plug component, nominal current: 8 A, rated voltage: 160 V, pitch: 3.81 mm, no. of positions: 5, type of connection: Screw connection
1862603	IMC 1,5/ 5-G-3,81	Header, nominal current: 8 A, rated voltage: 160 V, pitch: 3.81 mm, no. of positions: 5, mounting: Soldering
1875454	IMCV 1,5/ 5-G-3,81	Header, nominal current: 8 A, rated voltage: 160 V, pitch: 3.81 mm, no. of positions: 5, mounting: Soldering
1803604	MC 1,5/ 5-ST-3,81	Plug component, nominal current: 8 A, rated voltage: 160 V, pitch: 3.81 mm, no. of positions: 5, type of connection: Screw connection

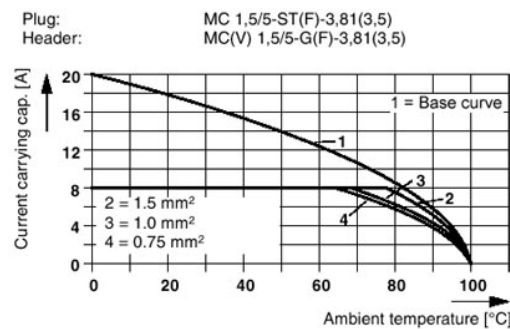
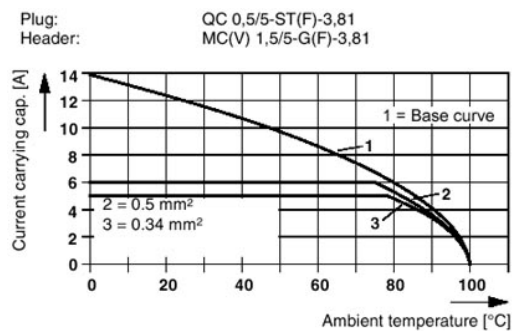
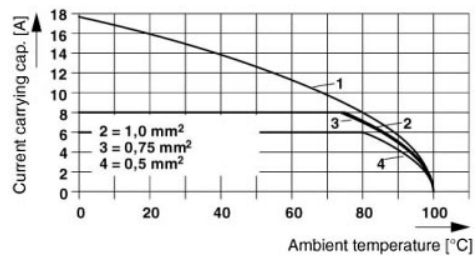
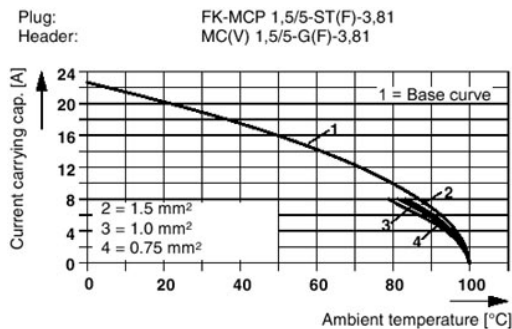
1852202	MCC 1/ 5-STZ-3,81	Plug component, nominal current: 8 A, rated voltage: 160 V, pitch: 3.81 mm, no. of positions: 5, type of connection: Crimp connection
1827156	MCVR 1,5/ 5-ST-3,81	Plug component, nominal current: 8 A, rated voltage: 160 V, pitch: 3.81 mm, no. of positions: 5, type of connection: Screw connection
1827004	MCVW 1,5/ 5-ST-3,81	Plug component, nominal current: 8 A, rated voltage: 160 V, pitch: 3.81 mm, no. of positions: 5, type of connection: Screw connection
1897429	QC 0,5/ 5-ST-3,81	Plug, nominal current: 6 A, rated voltage: 320 V, pitch: 3.81 mm, number of positions: 5, connection method: Insulation displacement connection QUICKON

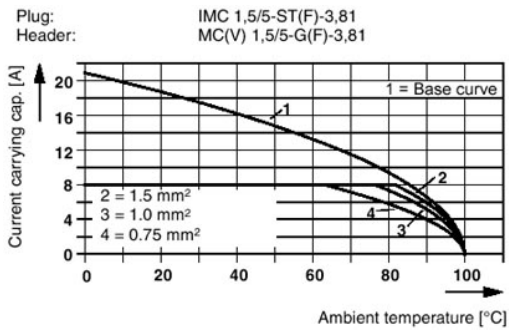
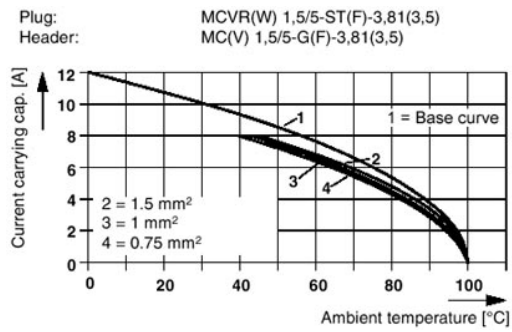
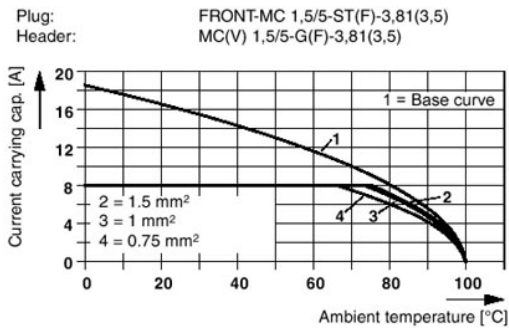
## Drawings

Drilling diagram

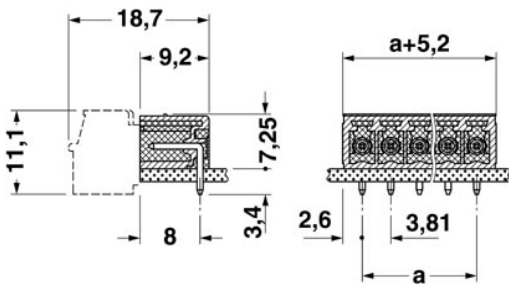


Diagram





Dimensioned drawing



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