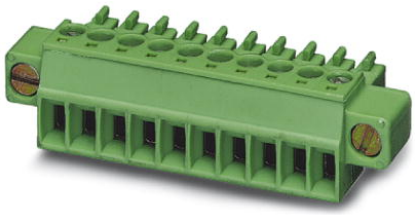
Extract from the online catalog

MC 1,5/ 7-STF-3,81

Order No.: 1827758

The figure shows a 10-position version of the product



http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1827758

Plug with screw flange, nominal current: 8 A, rated voltage: 160 V, pitch: 3,81 mm, no. of positions: 7, type of connection: Screw connection

Commercial data	
EAN	4017918050214
Pack	50 Pcs.
Customs tariff	85366990
Weight/Piece	0.006114 KG
Catalog page information	Page 127 (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

Pitch	3.81 mm
Dimension a	22.86 mm
Number of positions	7
Screw thread	M 2

Tightening torque, min	0.22 Nm

Technical data

Insulating material group	I
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)	320 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	8 A
Nominal voltage U_N	160 V
Nominal cross section	1.5 mm^2
Maximum load current	8 A (with 1.5 mm^2 conductor cross section)
Insulating material	PA
Inflammability class acc. to UL 94	V0
Internal cylindrical gage	A1
Stripping length	7 mm

Connection data

Conductor cross section solid min.	0.14 mm^2
Conductor cross section solid max.	1.5 mm^2
Conductor cross section stranded min.	0.14 mm^2
Conductor cross section stranded max.	1.5 mm^2
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.25 mm^2
Conductor cross section stranded, with ferrule without plastic sleeve max.	1.5 mm^2
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.25 mm^2
Conductor cross section stranded, with ferrule with plastic sleeve max.	0.5 mm^2
Conductor cross section AWG/kcmil min.	28
Conductor cross section AWG/kcmil max	16
2 conductors with same cross section, solid min.	0.08 mm^2
2 conductors with same cross section, solid max.	0.5 mm^2

2 conductors with same cross section, stranded min.	0.08 mm^2
2 conductors with same cross section, stranded max.	0.75 mm^2
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.25 mm^2
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	0.34 mm^2
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm^2
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	0.5 mm^2

Certificates / Approvals

Approval logo

CSA

Nominal voltage U_N	300 V
Nominal current I_N	8 A
AWG/kcmil	28-16

CUL

Nominal voltage U_N	300 V
Nominal current I_N	8 A
AWG/kcmil	30-14

UL

Nominal voltage U_N	300 V
Nominal current I_N	8 A
AWG/kcmil	30-14
Certification	CB, CSA, CUL, GOST, UL, VDE-PZI

Accessories

Item	Designation	Description
General		
1834398	KGG-MC 1,5/ 7	Cable housing, for cable diameters of 4 - 11 mm, clamp, marker strips and transparent label carrier are included, color: green, no. of positions: 7
Marking		
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
0803883	SK U/2,8 WH:UNBEDRUCKT	Unprinted marker cards, DIN A4 format, pitch as desired, self-adhesive, with 50 stamped marker strips, 185 mm strip length, can be labeled with the CMS system or manually with the M-PEN
Tools		
1205037	SZS 0,4X2,5	Screwdriver, bladed, matches all screw terminal blocks up to 1.5 mm² connection cross section, blade: 0.4 x 2.5 mm

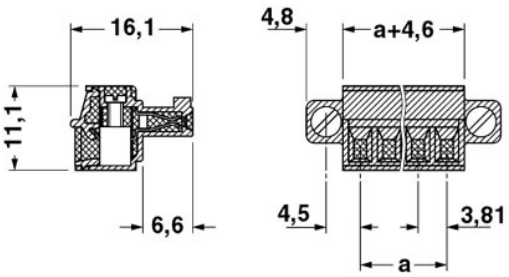
Additional products

Item	Designation	Description
General		
1829390	DFK-MC 1,5/ 7-GF-3,81	Header, nominal current: 8 A, rated voltage: 160 V, pitch: 3.81 mm, no. of positions: 7, mounting: Direct mounting
1896996	EMC 1,5/ 7-GF-3,81	Header, nominal current: 8 A, rated voltage: 160 V, pitch: 3.81 mm, no. of positions: 7, mounting: Press in
1879337	EMCV 1,5/ 7-GF-3,81	Header, nominal current: 8 A, rated voltage: 160 V, pitch: 3.81 mm, no. of positions: 7, mounting: Press in
1858086	IMC 1,5/ 7-STGF-3,81	Plug component, nominal current: 8 A, rated voltage: 160 V, pitch: 3.81 mm, no. of positions: 7, type of connection: Screw connection
1827910	MC 1,5/ 7-GF-3,81	Header, nominal current: 8 A, rated voltage: 160 V, pitch: 3.81 mm, no. of positions: 7, mounting: Soldering
1909087	MC 1,5/ 7-GF-3,81 THT	Header, nominal current: 8 A, rated voltage: 160 V, pitch: 3.81 mm, no. of positions: 7, mounting: SMD/THT
1842966	MCD 1,5/ 7-G1F-3,81	Header, nominal current: 8 A, rated voltage: 160 V, pitch: 3.81 mm, no. of positions: 7, mounting: Soldering
1830156	MCD 1,5/ 7-GF-3,81	Header, nominal current: 8 A, rated voltage: 160 V, pitch: 3.81 mm, no. of positions: 7, mounting: Soldering

1842814	MCDV 1,5/ 7-G1F-3,81	Header, nominal current: 8 A, rated voltage: 160 V, pitch: 3.81 mm, no. of positions: 7, mounting: Soldering
1830305	MCDV 1,5/ 7-GF-3,81	Header, nominal current: 8 A, rated voltage: 160 V, pitch: 3.81 mm, no. of positions: 7, mounting: Soldering
1830648	MCV 1,5/ 7-GF-3,81	Header, nominal current: 8 A, rated voltage: 160 V, pitch: 3.81 mm, no. of positions: 7, mounting: Soldering
1832921	MCVK 1,5/ 7-GF-3,81	Header, nominal current: 8 A, rated voltage: 160 V, pitch: 3.81 mm, no. of positions: 7, mounting: Mounting rail
1833072	MCVU 1,5/ 7-GFD-3,81	Header, nominal current: 8 A, rated voltage: 160 V, pitch: 3.81 mm, no. of positions: 7, mounting: Direct mounting
1827473	SMC 1,5/ 7-GF-3,81	Header, nominal current: 8 A, rated voltage: 160 V, pitch: 3.81 mm, no. of positions: 7, mounting: Soldering

Drawings

Dimensioned drawing



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