

MC 1,5/10-ST-3,81

Order No.: 1803659

The figure shows a 10-position version of the product



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Plug component, nominal current: 8 A, rated voltage: 160 V, pitch:
3.81 mm, no. of positions: 10, type of connection: Screw connection

Commercial data

EAN	4017918045968
Pack	50 Pcs.
Customs tariff	85366990
Weight/Piece	0.007549 KG
Catalog page information	Page 126 (CC-2007)

Product notes

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



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www.download.phoenixcontact.com](http://www.download.phoenixcontact.com)
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here has been taken from the
online catalog. For comprehensive
information and data, please refer
to the user documentation. The
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Technical data

Dimensions / positions

Height	11.1 mm
Pitch	3.81 mm
Dimension a	34.29 mm
Number of positions	10
Screw thread	M 2

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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



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		
1834424	KGG-MC 1,5/10	Cable housing, for cable diameters of 4 - 11 mm, clamp, marker strips and transparent label carrier are included, color: green, no. of positions: 10

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
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
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 mm ² connection cross section, blade: 0.4 x 2.5 mm
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Additional products

Item	Designation	Description
General		
1897885	EMC 1,5/10-G-3,81	Header, nominal current: 8 A, rated voltage: 160 V, pitch: 3.81 mm, no. of positions: 10, mounting: press in
1860728	EMCV 1,5/10-G-3,81	Header, nominal current: 8 A, rated voltage: 160 V, pitch: 3.81 mm, no. of positions: 10, mounting: press in
1857964	IMC 1,5/10-ST-3,81	Plug component, nominal current: 8 A, rated voltage: 160 V, pitch: 3.81 mm, no. of positions: 10, type of connection: Screw connection
1803358	MC 1,5/10-G-3,81	Header, nominal current: 8 A, rated voltage: 160 V, pitch: 3.81 mm, no. of positions: 10, mounting: Soldering
1908842	MC 1,5/10-G-3,81 THT	Header, nominal current: 8 A, rated voltage: 160 V, pitch: 3.81 mm, no. of positions: 10, mounting: SMD / THT
1830033	MCD 1,5/10-G-3,81	Header, nominal current: 8 A, rated voltage: 160 V, pitch: 3.81 mm, no. of positions: 10, mounting: Soldering
1843156	MCD 1,5/10-G1-3,81	Header, nominal current: 8 A, rated voltage: 160 V, pitch: 3.81 mm, no. of positions: 10, mounting: Soldering
1830486	MCDV 1,5/10-G-3,81	Header, nominal current: 8 A, rated voltage: 160 V, pitch: 3.81 mm, no. of positions: 10, mounting: Soldering
1847819	MCDV 1,5/10-G1-3,81	Header, nominal current: 8 A, rated voltage: 160 V, pitch: 3.81 mm, no. of positions: 10, mounting: Soldering
1861808	MCO 1,5/10-GL-3,81	Header, nominal current: 8 A, rated voltage: 125 V, pitch: 3.81 mm, no. of positions: 10, mounting: Soldering
1861727	MCO 1,5/10-GR-3,81	Header, nominal current: 8 A, rated voltage: 125 V, pitch: 3.81 mm, no. of positions: 10, mounting: Soldering

1803507	MCV 1,5/10-G-3,81	Header, nominal current: 8 A, rated voltage: 160 V, pitch: 3.81 mm, no. of positions: 10, mounting: Soldering
1837515	MCVDU 1,5/10-G-3,81	Header, nominal current: 8 A, rated voltage: 160 V, pitch: 3.81 mm, no. of positions: 10, mounting: Soldering
1832811	MCVK 1,5/10-G-3,81	Header, nominal current: 8 A, rated voltage: 160 V, pitch: 3.81 mm, no. of positions: 10, mounting: Mounting rail
1827350	SMC 1,5/10-G-3,81	Header, nominal current: 8 A, rated voltage: 160 V, pitch: 3.81 mm, no. of positions: 10, mounting: Soldering

Drawings

Dimensioned drawing

勝特力材料 886-3-5753170
胜特力电子(上海) 86-21-34970699
胜特力电子(深圳) 86-755-83298787
[Http://www.100y.com.tw](http://www.100y.com.tw)

Address

PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstr. 8
32825 Blomberg, Germany
Phone +49 5235 3 00
Fax +49 5235 3 41200
<http://www.phoenixcontact.de>



勝 特 力 材 料 886-3-5753170
胜特力电子(上海) 86-21-34970699
胜特力电子(深圳) 86-755-83298787
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