

DFK-MC 1,5/ 3-GF-3,81

Order No.: 1829358

The figure shows a 10-position version of the product

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1829358>

Plug component, Nominal current: 8 A, Nom. voltage: 160 V, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 3, Color: green, Assembly: Direct mounting

Commercial data

EAN	4017918051037
Pack	50 pcs.
Customs tariff	85366990
Weight/Piece	0.00309 KG
Catalog page information	Page 188 (CC-2009)

Product notes

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



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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	7.62 mm
Number of positions	3

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
Insulating material	PA
Inflammability class acc. to UL 94	V0
Max. current slip-on connection	8 A
Dimensions of slip-on connection	2.8 x 0.8 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 AWG/kcmil min.	28
Conductor cross section AWG/kcmil max	16

Certificates / Approvals



Certification

CB, CSA, CUL, GOST, UL, VDE-PZI

CSA

Nominal voltage U_N	150 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

Accessories

Item	Designation	Description
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Assembly

0710015	DFK-MC SS	Screw set, for securing the header to the housing wall, consists of M2 x 8 screw, spring washer and nut, 1 piece each
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Marking

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
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Plug/Adapter

1734634	CP-MSTB	Keying profile, is inserted into the slot on the plug or inverted header, red insulating material
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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
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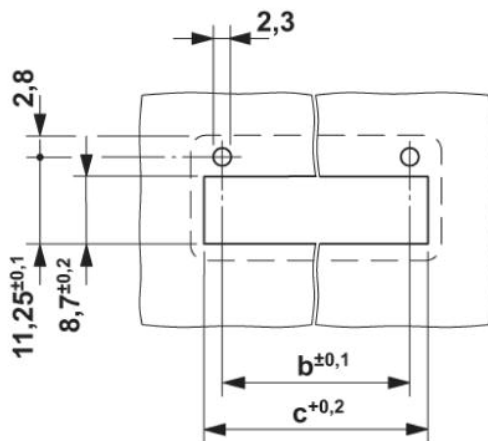
General

1851245	FK-MCP 1,5/ 3-STF-3,81	Plug component, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 3, Connection type: Spring-cage conn., Color: green
1850864	FRONT-MC 1,5/ 3-STF-3,81	Plug component, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 3, Connection type: Screw connection, Color: green
1827716	MC 1,5/ 3-STF-3,81	Plug component, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 3, Connection type: Screw connection, Color: green

1852370	MCC 1/ 3-STZF-3,81	Plug component, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 3, Connection type: Crimp connection, Color: green
1828359	MCVR 1,5/ 3-STF-3,81	Plug component, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 3, Connection type: Screw connection, Color: green
1828508	MCVW 1,5/ 3-STF-3,81	Plug component, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 3, Connection type: Screw connection, Color: green
1897555	QC 0,5/ 3-STF-3,81	Plug component, Nominal current: 6 A, Nom. voltage: 320 V, Pitch: 3.81 mm, Number of positions: 3, Connection type: Insulation displacement connection QUICKON, Color: green

Diagrams/Drawings

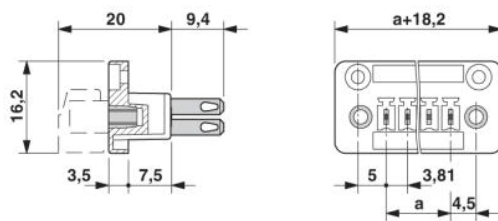
Drilling plan/solder pad geometry



Dimension b = 6.19 mm + (no. of pos. x 3.81 mm)

Dimension c = Dim. b + 4.7 mm

Dimensioned drawing



Address

PHOENIX CONTACT Deutschland GmbH
Flachsmarktstr. 8
32825 Blomberg, Germany
Phone +49 5235 3 12000
Fax +49 5235 3 41200
<http://www.phoenixcontact.de>



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