


## MCO 1,5/ 6-GL-3,81

Order No.: 1861769

The figure shows a 10-position version of the product

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1861769>

Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 6, Pitch: 3.81 mm, Color: green, Assembly: Soldering

Commercial data	
GTIN (EAN)	 4 017918 120658
Note	Made-to-order
sales group	E100
Pack	50 pcs.
Customs tariff	85366990
Catalog page information	Page 216 (CC-2011)

**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**

Length	37.05 mm
Pitch	3.81 mm
Dimension a	19.05 mm
Number of positions	6
Pin dimensions	0,9 x 0,32 mm

Hole diameter	1 mm
<b>Technical data</b>	
Range of articles	MCO 1,5/...-GL
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)	200 V
Connection in acc. with standard	EN-VDE
Nominal current $I_N$	8 A
Nominal voltage $U_N$	125 V
Insulating material	PA (PBT)
Inflammability class acc. to UL 94	V0
Color	Green
Nominal voltage, UL/CUL Use Group B	300 V
Nominal current, UL/CUL Use Group B	8 A
Nominal voltage, UL/CUL Use Group D	300 V
Nominal current, UL/CUL Use Group D	8 A

#### Certificates / Approvals



Certification

CB, CUL, GOST, UL, VDE-PZI

#### Accessories

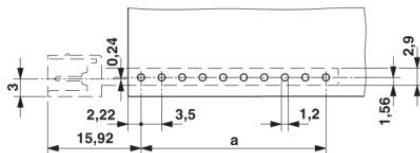
Item	Designation	Description
<b>Plug/Adapter</b>		
1734634	CP-MSTB	Keying profile, is inserted into the slot on the plug or inverted header, red insulating material

### Additional products

Item	Designation	Description
<b>General</b>		
1851083	FK-MCP 1,5/ 6-ST-3,81	Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 6, Pitch: 3.81 mm, Connection method: Spring-cage conn., Color: green
1850709	FRONT-MC 1,5/ 6-ST-3,81	Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 6, Pitch: 3.81 mm, Connection method: Screw connection, Color: green
1862616	IMC 1,5/ 6-G-3,81	Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 6, Pitch: 3.81 mm, Color: green, Assembly: Soldering
1875467	IMCV 1,5/ 6-G-3,81	Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 6, Pitch: 3.81 mm, Color: green, Assembly: Soldering
1803617	MC 1,5/ 6-ST-3,81	Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 6, Pitch: 3.81 mm, Connection method: Screw connection, Color: green
1852215	MCC 1/ 6-STZ-3,81	Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 6, Pitch: 3.81 mm, Connection method: Crimp connection, Color: green, Corresponding female crimp contacts with current [A] and conductor cross section range [mm <sup>2</sup> ] data: 5A/MCC-MT 0,2-0,35 (1859988); 8A/MCC-MT 0,5-1,0 (1859991)
1827169	MCVR 1,5/ 6-ST-3,81	Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 6, Pitch: 3.81 mm, Connection method: Screw connection, Color: green
1827017	MCVW 1,5/ 6-ST-3,81	Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 6, Pitch: 3.81 mm, Connection method: Screw connection, Color: green
1897432	QC 0,5/ 6-ST-3,81	Plug component, Nominal current: 6 A, Rated voltage (III/2): 200 V, Number of positions: 6, Pitch: 3.81 mm, Connection method: Insulation displacement connection QUICKON, Color: green

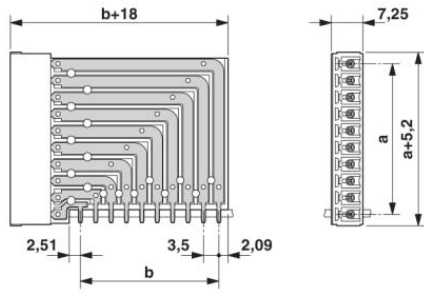
### Diagrams/Drawings

Drilling plan/solder pad geometry



Dimensioned drawing

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