

# IMC 1,5/12-G-3,81


Order No.: 1862674


The figure shows a 16-pos. version of the product



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1862674>

Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 12, Pitch: 3.81 mm, Color: green, Metal surface: Sn, Assembly: Soldering

Commercial data	
GTIN (EAN)	 4 017918 133672
sales group	E135
Pack	50 pcs.
Customs tariff	85366990
Catalog page information	Page 186 (CC-2009)

Product notes
<p>WEEE/RoHS-compliant since: 01/01/2003</p> 

<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	14.5 mm
Pitch	3.81 mm
Dimension a	41.91 mm
Number of positions	12

Pin dimensions	0,8 x 0,8 mm
Hole diameter	1.2 mm
<b>Technical data</b>	
Range of articles	IMC 1,5/..-G
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
Maximum load current	8 A
Insulating material	PA
Inflammability class acc. to UL 94	V0
Nominal voltage, UL/CUL Use Group B	250 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, VDE-PZI

#### Accessories

Item	Designation	Description
<b>Marking</b>		
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

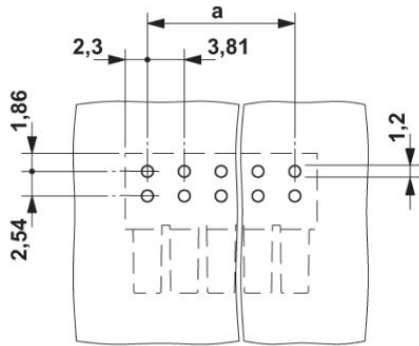
**Additional products**

Item	Designation	Description
<b>General</b>		
1897908	EMC 1,5/12-G-3,81	Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 12, Pitch: 3.81 mm, Color: green, Metal surface: Sn, Assembly: Press-in
1860744	EMCV 1,5/12-G-3,81	Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 12, Pitch: 3.81 mm, Color: green, Metal surface: Sn, Assembly: Press-in
1857980	IMC 1,5/12-ST-3,81	Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 12, Pitch: 3.81 mm, Color: green, Metal surface: Sn
1803374	MC 1,5/12-G-3,81	Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 12, Pitch: 3.81 mm, Color: green, Metal surface: Sn, Assembly: Soldering
1908868	MC 1,5/12-G-3,81 THT	Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 12, Pitch: 3.81 mm, Color: black, Metal surface: Sn, Assembly: SMD/THT/THR, User information and design recommendations on through hole reflow technology can be found at: <a href="http://www.combicon.com">http://www.combicon.com</a>
1830059	MCD 1,5/12-G-3,81	Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 12, Pitch: 3.81 mm, Color: green, Metal surface: Sn, Assembly: Soldering, In combination with MCV plug components, both an MCVW and an MCVR plug must be used.
1843172	MCD 1,5/12-G1-3,81	Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 12, Pitch: 3.81 mm, Color: green, Metal surface: Sn, Assembly: Soldering, In combination with MCV plug components, both an MCVW and an MCVR plug must be used.
1830509	MCDV 1,5/12-G-3,81	Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 12, Pitch: 3.81 mm, Color: green, Metal surface: Sn, Assembly: Soldering, In combination with MCV plug components, both an MCVW and an MCVR plug must be used.
1847835	MCDV 1,5/12-G1-3,81	Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 12, Pitch: 3.81 mm, Color: green, Metal surface: Sn, Assembly: Soldering, In combination with MCV plug components, both an MCVW and an MCVR plug must be used.
1803523	MCV 1,5/12-G-3,81	Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 12, Pitch: 3.81 mm, Color: green, Metal surface: Sn, Assembly: Soldering
1837531	MCVDU 1,5/12-G-3,81	Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 12, Pitch: 3.81 mm, Color: green, Metal surface: Sn, Assembly: Soldering
1832837	MCVK 1,5/12-G-3,81	Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 12, Pitch: 3.81 mm, Color: green, Metal surface: Sn, Assembly: DIN rail

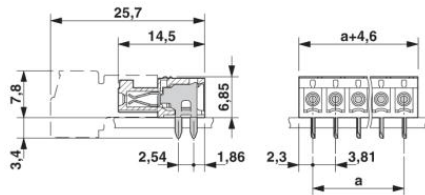
1827376	SMC 1,5/12-G-3,81	Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 12, Pitch: 3.81 mm, Color: green, Metal surface: Sn, Assembly: Soldering
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**Diagrams/Drawings**

Drilling plan/solder pad geometry



Dimensioned drawing



**Address**

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