

Base strip - IMC 1.5/12-G-3.81 - 1862674

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://download.phoenixcontact.com>)

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



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

Why buy this product

- ☒ Combination with MC 1,5 pin strips for primary/secondary/PCB connection
- ☒ Plug-in direction horizontal and vertical to the PCB
- ☒ Use in shock-proof applications
- ☒ Individual position keying by removing the keying tab and connecting the keying profile to the counterpart
- ☒ Clear separation of PCB inputs/outputs



Key commercial data

Packing unit	1
Minimum order quantity	50
Catalog page	Page 224 (CC-2011)
GTIN	 4 017918 133672
Custom tariff number	85366990
Country of origin	POLAND

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

Technical data

Range of articles	IMC 1,5/-G
Insulating material group	I

Base strip - IMC 1.5/12-G-3.81 - 1862674

Technical data

Technical data

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 IN	8 A
Nominal voltage UN	160 V
Maximum load current	8 A
Insulating material	PA
Inflammability class according 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

Classifications

eclass

eCl@ss 4.0	272607xx
eCl@ss 4.1	27260701
eCl@ss 5.0	27260701
eCl@ss 5.1	27260701
eCl@ss 6.0	27260704
eCl@ss 7.0	27440402

etim

ETIM 3.0	EC001121
ETIM 4.0	EC002637
ETIM 5.0	EC002637

unspsc

UNSPSC 6.01	30211810
UNSPSC 7.0901	39121409
UNSPSC 11	39121409
UNSPSC 12.01	39121409
UNSPSC 13.2	39121409

Approvals

Approvals

Base strip - IMC 1.5/12-G-3.81 - 1862674

Approvals

Approvals

VDE report with production monitoring / cUL Recognized / GOST / IECEx CB Scheme / UL Recognized / GOST / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

VDE report with production monitoring 	
Nominal current I _N	8 A
Nominal voltage U _N	160 V

cUL Recognized 		
	B	D
Nominal current I _N	8 A	8 A
Nominal voltage U _N	300 V	300 V

GOST 
--

IECEx CB Scheme	
Nominal current I _N	8 A
Nominal voltage U _N	160 V

UL Recognized 		
	B	D
Nominal current I _N	8 A	8 A
Nominal voltage U _N	300 V	300 V

Base strip - IMC 1.5/12-G-3.81 - 1862674

Approvals



cULus Recognized 

Accessories

Accessories

Marking

Marker cards - SK 3,81/2,8:FORTL.ZAHLEN - 0804109



Marker cards, Card, white, labeled, Horizontal: Consecutive numbers 1 - 10, 11 - 20, etc. up to 91 - (99)100, Mounting type: Adhesive, For terminal block width: 3.81 mm

Additional products

Base strip - MCDV 1,5/12-G-3,81 - 1830509



Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 12, Pitch: 3.81 mm, Color: green, Contact surface: Tin, Assembly: Soldering, In combination with MCV plug components, both an MCVW and an MCVR plug must be used.

Base strip - MCDV 1,5/12-G1-3,81 - 1847835



Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 12, Pitch: 3.81 mm, Color: green, Contact surface: Tin, Assembly: Soldering, In combination with MCV plug components, both an MCVW and an MCVR plug must be used.

Base strip - MCD 1,5/12-G-3,81 - 1830059

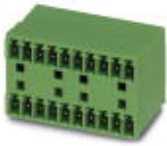


Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 12, Pitch: 3.81 mm, Color: green, Contact surface: Tin, Assembly: Soldering, In combination with MCV plug components, both an MCVW and an MCVR plug must be used.

Base strip - IMC 1.5/12-G-3.81 - 1862674

Accessories

Base strip - MCD 1,5/12-G1-3,81 - 1843172



Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 12, Pitch: 3.81 mm, Color: green, Contact surface: Tin, Assembly: Soldering, In combination with MCV plug components, both an MCVW and an MCVR plug must be used.

Printed-circuit board connector - IMC 1,5/12-ST-3,81 - 1857980



Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 12, Pitch: 3.81 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

Base strip - MCVK 1,5/12-G-3,81 - 1832837



Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 12, Pitch: 3.81 mm, Connection method: Screw connection, Color: green, Contact surface: Tin, Assembly: DIN rail

Base strip - MCVDU 1,5/12-G-3,81 - 1837531



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

Base strip - MCV 1,5/12-G-3,81 - 1803523



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

Base strip - MC 1,5/12-G-3,81 - 1803374



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

Base strip - IMC 1.5/12-G-3.81 - 1862674

Accessories

Base strip - MC 1,5/12-G-3,81 THT - 1908868



Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 12, Pitch: 3.81 mm, Color: Black, Contact surface: Tin, Assembly: SMD/THT/THR, User information and design recommendations on through hole reflow technology can be found at: <http://www.combicon.com>

Base strip - SMC 1,5/12-G-3,81 - 1827376



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

Base strip - EMCV 1,5/12-G-3,81 - 1860744



Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 12, Pitch: 3.81 mm, Color: green, Contact surface: Tin, Assembly: Press-in

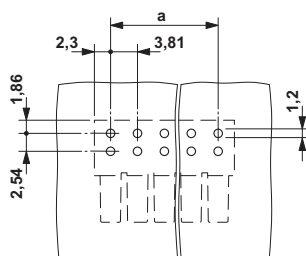
Base strip - EMC 1,5/12-G-3,81 - 1897908



Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 12, Pitch: 3.81 mm, Color: green, Contact surface: Tin, Assembly: Press-in

Drawings

Drilling diagram



Dimensioned drawing

