

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

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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

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## Technical data

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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

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## Approvals


Approvals

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


Ex Approvals

Approvals submitted

## Approval details

VDE report with production monitoring 

Nominal current IN	8 A
Nominal voltage UN	160 V


cUL Recognized 

	B	D
Nominal current IN	8 A	8 A
Nominal voltage UN	300 V	300 V

GOST 

IECEE CB Scheme

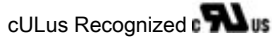
Nominal current IN	8 A
Nominal voltage UN	160 V

UL Recognized 

	B	D
Nominal current IN	8 A	8 A
Nominal voltage UN	300 V	300 V

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

### Approvals



### 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

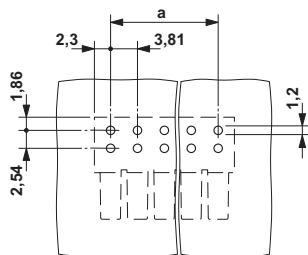
### Base strip - EMC 1,5/12-G-3,81 - 1897908



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

