# Base strip - IMC 1.5/ 5-G-3.81 - 1862603

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Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 5, 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 133603 |
| Custom tariff number | 85366990 |
| Country of origin | POLAND |

## Technical data

### Dimensions / positions

| | |
|---|---|
| Length | 14.5 mm |
| Pitch | 3.81 mm |
| Dimension a | 15.24 mm |
| Number of positions | 5 |
| 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

### 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/ 5-G-3.81 - 1862603

## 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 |

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## Approvals

GOST

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 - MCO 1,5/ 5-GL-3,81 - 1861756

Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 5, Pitch: 3.81 mm, Color: green, Contact surface: Tin, Assembly: Soldering

Base strip - MCO 1,5/ 5-GR-3,81 - 1861675

Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 5, Pitch: 3.81 mm, Color: green, Contact surface: Tin, Assembly: Soldering

Base strip - MCDV 1,5/ 5-G1-3,81 - 1847754

Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 5, 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/ 5-G-3.81 - 1862603

## Accessories

Base strip - MCDV 1,5/ 5-G-3,81 - 1830431

Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 5, 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.

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Base strip - MCD 1,5/ 5-G1-3,81 - 1843101

Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 5, 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.

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Base strip - MCD 1,5/ 5-G-3,81 - 1829989

Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 5, 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.

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Printed-circuit board connector - IMC 1,5/ 5-ST-3,81 - 1857919

Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 5, Pitch: 3.81 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

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Base strip - MCVK 1,5/ 5-G-3,81 - 1832769

Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 5, Pitch: 3.81 mm, Connection method: Screw connection, Color: green, Contact surface: Tin, Assembly: DIN rail

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Base strip - MCVDU 1,5/ 5-G-3,81 - 1837463

Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 5, Pitch: 3.81 mm, Color: green, Contact surface: Tin, Assembly: Soldering

# Base strip - IMC 1.5/ 5-G-3.81 - 1862603

## Accessories

Base strip - MCV 1,5/ 5-G-3,81 - 1803455

Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 5, Pitch: 3.81 mm, Color: green, Contact surface: Tin, Assembly: Soldering

Base strip - MC 1,5/ 5-G-3,81 - 1803303

Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 5, Pitch: 3.81 mm, Color: green, Contact surface: Tin, Assembly: Soldering

Base strip - MC 1,5/ 5-G-3,81 THT - 1908790

Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 5, 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/ 5-G-3,81 - 1827305

Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 5, Pitch: 3.81 mm, Color: green, Contact surface: Tin, Assembly: Soldering

Base strip - EMCV 1,5/ 5-G-3,81 - 1860676

Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 5, Pitch: 3.81 mm, Color: green, Contact surface: Tin, Assembly: Press-in

# Base strip - IMC 1.5/ 5-G-3.81 - 1862603

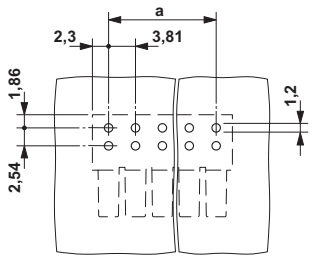
## Accessories

Base strip - EMC 1,5/ 5-G-3,81 - 1897830

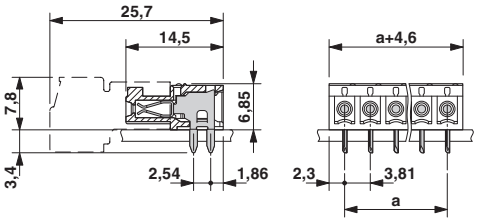
Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 5, Pitch: 3.81 mm, Color: green, Contact surface: Tin, Assembly: Press-in

## Drawings

Drilling diagram




Dimensioned drawing




Diagram