

## Base strip - MC 1,5/ 4-G-3,81 - 1803293

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Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 4, Pitch: 3.81 mm, Color: green, Contact surface: Tin, Mounting: Soldering



The figure shows a 10-position version of the product

### Why buy this product

- ☒ Low-profile pin strips with compact pitches
- ☒ Plug-in direction parallel and vertical to the PCB
- ☒ Individual position coding by inserting coding profiles
- ☒



### Key commercial data

|                                      |                                                                                                         |
|--------------------------------------|---------------------------------------------------------------------------------------------------------|
| Packing unit                         | 250 pc                                                                                                  |
| GTIN                                 | <br>4 017918 045609 |
| Weight per Piece (excluding packing) | 1.06 g                                                                                                  |
| Custom tariff number                 | 85366990                                                                                                |
| Country of origin                    | Germany                                                                                                 |

### Technical data

#### Dimensions

|                |              |
|----------------|--------------|
| Length         | 9.2 mm       |
| Height         | 10.65 mm     |
| Width          | 16.63 mm     |
| Pitch          | 3.81 mm      |
| Dimension a    | 11.43 mm     |
| Pin dimensions | 0,8 x 0,8 mm |
| Hole diameter  | 1.2 mm       |

#### General

|                           |              |
|---------------------------|--------------|
| Range of articles         | MC 1,5/...-G |
| Insulating material group | IIIa         |

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### Technical data

#### General

|                                         |        |
|-----------------------------------------|--------|
| 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/3)                   | 160 V  |
| Rated voltage (III/2)                   | 160 V  |
| Rated voltage (II/2)                    | 250 V  |
| Connection in acc. with standard        | EN-VDE |
| Nominal current $I_N$                   | 8 A    |
| Maximum load current                    | 8 A    |
| Insulating material                     | PBT    |
| Inflammability class according to UL 94 | V0     |
| Color                                   | green  |
| Number of positions                     | 4      |

### Classifications

#### eCl@ss

|            |          |
|------------|----------|
| 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 |
| eCl@ss 8.0 | 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 - MC 1,5/ 4-G-3,81 - 1803293

### Approvals

#### Approvals

CSA / VDE Gutachten mit Fertigungsüberwachung / IECEx CB Scheme / CCA / EAC / cULus Recognized

#### Ex Approvals

#### Approvals submitted

#### Approval details

|                                                                                       |       |       |
|---------------------------------------------------------------------------------------|-------|-------|
| CSA  |       |       |
|                                                                                       | B     | D     |
| Nominal current I <sub>N</sub>                                                        | 8 A   | 8 A   |
| Nominal voltage U <sub>N</sub>                                                        | 300 V | 300 V |

|                                                                                                                             |       |
|-----------------------------------------------------------------------------------------------------------------------------|-------|
| VDE Gutachten mit Fertigungsüberwachung  |       |
|                                                                                                                             |       |
| Nominal current I <sub>N</sub>                                                                                              | 8 A   |
| Nominal voltage U <sub>N</sub>                                                                                              | 160 V |

|                                                                                                     |       |
|-----------------------------------------------------------------------------------------------------|-------|
| IECEx CB Scheme  |       |
|                                                                                                     |       |
| Nominal current I <sub>N</sub>                                                                      | 8 A   |
| Nominal voltage U <sub>N</sub>                                                                      | 160 V |

|                                |       |
|--------------------------------|-------|
| CCA                            |       |
|                                |       |
| Nominal current I <sub>N</sub> | 8 A   |
| Nominal voltage U <sub>N</sub> | 160 V |

|     |
|-----|
| EAC |
|-----|

## Base strip - MC 1,5/ 4-G-3,81 - 1803293

### Approvals

|                                |       |       |
|--------------------------------|-------|-------|
| cULus Recognized               |       |       |
|                                | B     | D     |
| Nominal current I <sub>N</sub> | 8 A   | 8 A   |
| Nominal voltage U <sub>N</sub> | 300 V | 300 V |

### Accessories

#### Accessories

#### Coding element

Coding profile - CP-MSTB - 1734634



Coding profile, is inserted into the slot on the plug or inverted header, red insulating material

#### Labeled terminal marker

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



Marker card, 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, Lettering field: 3.81 x 2.8 mm

Fiber optics - MC 1,5/10-LWL 1,5-3,81 - 1841174

Fiber optics, Pitch: 3.81 mm, Number of positions: 10, Dimension a: 1.5 mm, Color: transparent



Fiber optics - MC 1,5/10-LWL 2,3-3,81 - 1841190

Fiber optics, Pitch: 3.81 mm, Number of positions: 10, Dimension a: 2.3 mm, Color: transparent



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### Accessories

Fiber optics - MC 1,5/10-LWL 4-3,81 - 1841213

Fiber optics, Pitch: 3.81 mm, Number of positions: 10, Dimension a: 4 mm, Color: transparent



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### Additional products

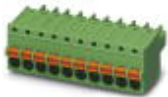
Printed-circuit board connector - MCVW 1,5/ 4-ST-3,81 - 1826995



Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 4, Pitch: 3.81 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

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Printed-circuit board connector - FK-MCP 1,5/ 4-ST-3,81 - 1851067



Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 4, Pitch: 3.81 mm, Connection method: Push-in spring connection, Color: green, Contact surface: Tin

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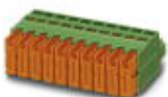
Printed-circuit board connector - FRONT-MC 1,5/ 4-ST-3,81 - 1850686



Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 4, Pitch: 3.81 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

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Printed-circuit board connector - QC 0,5/ 4-ST-3,81 - 1897416



Plug component, Nominal current: 6 A, Rated voltage (III/2): 200 V, Number of positions: 4, Pitch: 3.81 mm, Connection method: Insulation displacement connection QUICKON, Color: green, Contact surface: Tin

## Base strip - MC 1,5/ 4-G-3,81 - 1803293

### Accessories

Base strip - IMCV 1,5/ 4-G-3,81 - 1875441



Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 4, Pitch: 3.81 mm, Color: green, Contact surface: Tin, Mounting: Soldering

Base strip - IMC 1,5/ 4-G-3,81 - 1862593



Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 4, Pitch: 3.81 mm, Color: green, Contact surface: Tin, Mounting: Soldering

Printed-circuit board connector - MCVR 1,5/ 4-ST-3,81 - 1827143



Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 4, Pitch: 3.81 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

Printed-circuit board connector - MC 1,5/ 4-ST-3,81 - 1803594



Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 4, Pitch: 3.81 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

Printed-circuit board connector - MCC 1/ 4-STZ-3,81 - 1852192

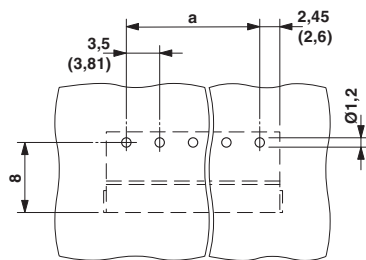


Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 4, Pitch: 3.81 mm, Connection method: Crimp connection, Color: green, Corresponding female crimp contacts with current [A] and conductor cross section range [mm<sup>2</sup>] data: 5A/MCC-MT 0,2-0,35 (1859988); 8A/MCC-MT 0,5-1,0 (1859991)

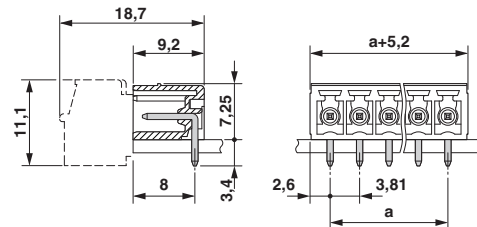
### Drawings

## Base strip - MC 1,5/ 4-G-3,81 - 1803293

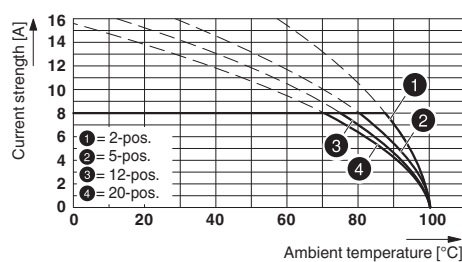
Drilling diagram



Dimensional drawing

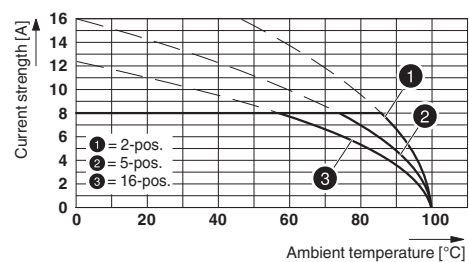


Diagram



Type: MC 1,5/...-ST-3,81 with MC 1,5/...-G-3,81

Diagram



Type: IMC 1,5/...-G-3,81 with MC 1,5/...-G-3,81