

## 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: Wave 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       |
| Pitch                    | 3.81 mm      |
| Dimension a              | 11.43 mm     |
| Width                    | 16.63 mm     |
| Constructional height    | 7.25 mm      |
| Height                   | 10.65 mm     |
| Length of the solder pin | 3.4 mm       |
| Pin dimensions           | 0,8 x 0,8 mm |
| Hole diameter            | 1.2 mm       |

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### Technical data

#### General

|                                        |              |
|----------------------------------------|--------------|
| Range of articles                      | MC 1,5/...-G |
| Insulating material group              | IIIa         |
| 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          |
| Flammability rating according to UL 94 | V0           |
| Color                                  | green        |
| Number of positions                    | 4            |

#### Standards and Regulations

|                                        |        |
|----------------------------------------|--------|
| Connection in acc. with standard       | EN-VDE |
|                                        | CSA    |
| Flammability rating according to UL 94 | V0     |

### 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 |
| eCl@ss 9.0 | 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 |

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### Classifications

#### UNSPSC

|              |          |
|--------------|----------|
| UNSPSC 12.01 | 39121409 |
| UNSPSC 13.2  | 39121409 |

### Approvals

#### 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 |

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### Approvals

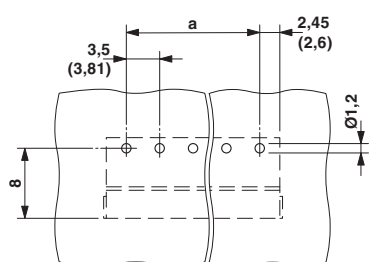
|                                |       |
|--------------------------------|-------|
| CCA                            |       |
| Nominal current I <sub>N</sub> | 8 A   |
| Nominal voltage U <sub>N</sub> | 160 V |

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

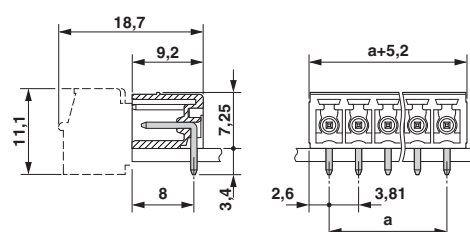
|                                |       |       |
|--------------------------------|-------|-------|
| cULus Recognized               |       |       |
|                                | B     | D     |
| Nominal current I <sub>N</sub> | 8 A   | 8 A   |
| Nominal voltage U <sub>N</sub> | 300 V | 300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

### Drawings

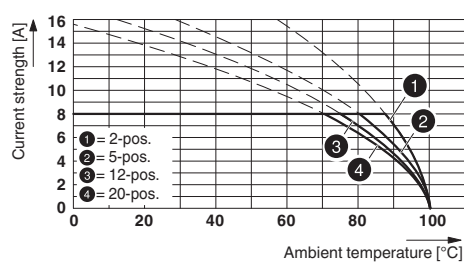
Drilling diagram



Dimensional drawing

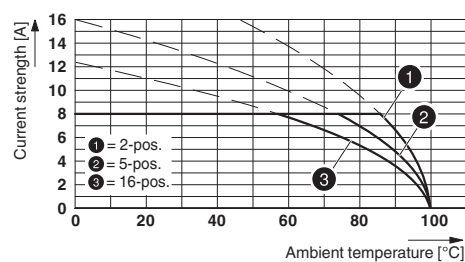


Diagram



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