

## Base strip - MCD 0.5/3-G1-2.5 - 1894817

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Header, Nominal current: 4 A, Rated voltage (III/2): 160 V, Number of positions: 3, Pitch: 2.5 mm, Color: green, Contact surface: Tin, Assembly: Soldering

The figure shows a 10-position version of the product

### Why buy this product

- ☒ Low-profile double-level pin strips with high contact density
- ☒ Plug-in direction parallel and vertical to the PCB
- ☒ Without offset levels, for flush installation on the front of devices



### Key commercial data

|                        |                                                                                                         |
|------------------------|---------------------------------------------------------------------------------------------------------|
| Packing unit           | 1                                                                                                       |
| Minimum order quantity | 50                                                                                                      |
| Catalog page           | Page 173 (CC-2011)                                                                                      |
| GTIN                   | <br>4 017918 162085 |
| Custom tariff number   | 85366990                                                                                                |
| Country of origin      | POLAND                                                                                                  |

### Technical data

#### Dimensions / positions

|                     |              |
|---------------------|--------------|
| Length              | 17.5 mm      |
| Pitch               | 2.5 mm       |
| Dimension a         | 5 mm         |
| Number of positions | 3            |
| Pin dimensions      | 0,8 x 0,8 mm |
| Hole diameter       | 1.2 mm       |

#### Technical data

|                             |                |
|-----------------------------|----------------|
| Range of articles           | MCD 0,5/...-G1 |
| Insulating material group   | I              |
| Rated surge voltage (III/3) | 1.5 kV         |
| Rated surge voltage (III/2) | 2.5 kV         |

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## Technical data

### Technical data

|                                         |        |
|-----------------------------------------|--------|
| 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 I <sub>N</sub>          | 4 A    |
| Nominal voltage U <sub>N</sub>          | 80 V   |
| Maximum load current                    | 4 A    |
| Insulating material                     | PA     |
| Inflammability class according to UL 94 | V0     |
| Color                                   | green  |
| Nominal voltage, UL/CUL Use Group B     | 125 V  |
| Nominal current, UL/CUL Use Group B     | 4 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

#### Approvals

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

## Base strip - MCD 0.5/3-G1-2.5 - 1894817

### Approvals

Ex Approvals

Approvals submitted

#### Approval details

|                                                                                                 |       |
|-------------------------------------------------------------------------------------------------|-------|
| UL Recognized  |       |
|                                                                                                 | B     |
| Nominal current I <sub>N</sub>                                                                  | 4 A   |
| Nominal voltage U <sub>N</sub>                                                                  | 125 V |

|                                                                                                                          |      |
|--------------------------------------------------------------------------------------------------------------------------|------|
| VDE report with production monitoring  |      |
|                                                                                                                          |      |
| Nominal current I <sub>N</sub>                                                                                           | 4 A  |
| Nominal voltage U <sub>N</sub>                                                                                           | 80 V |

|                                                                                                    |       |
|----------------------------------------------------------------------------------------------------|-------|
| cUL Recognized  |       |
|                                                                                                    | B     |
| Nominal current I <sub>N</sub>                                                                     | 4 A   |
| Nominal voltage U <sub>N</sub>                                                                     | 125 V |

|                                                                                          |  |
|------------------------------------------------------------------------------------------|--|
| GOST  |  |
|------------------------------------------------------------------------------------------|--|

|                                |      |
|--------------------------------|------|
| IECEE CB Scheme                |      |
|                                |      |
| Nominal current I <sub>N</sub> | 4 A  |
| Nominal voltage U <sub>N</sub> | 80 V |

|                                                                                          |  |
|------------------------------------------------------------------------------------------|--|
| GOST  |  |
|------------------------------------------------------------------------------------------|--|

## Base strip - MCD 0.5/3-G1-2.5 - 1894817

### Approvals

cULus Recognized  US

### Accessories

#### Accessories

#### Marking

Marker cards - SK 2,54/2,8:FORTL.ZAHLEN - 0804853



Marker cards, Card, white, Labeled, Horizontal: Consecutive numbers 1 - 10, 11 - 20, etc. up to 91 - 99, Mounting type: Adhesive, For terminal block width: 2.54 mm

### Plug/Adapter

Coding profile - CP-MC 0,5 - 1881435



Keying profile, is inserted into the groove in the header, red insulating material

### Additional products

Printed-circuit board connector - FK-MC 0,5/ 3-ST-2,5 - 1881338

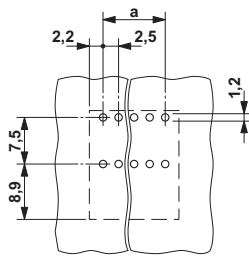


Plug component, Nominal current: 4 A, Rated voltage (III/2): 160 V, Number of positions: 3, Pitch: 2.5 mm, Connection method: Spring-cage conn., Color: green, Contact surface: Tin

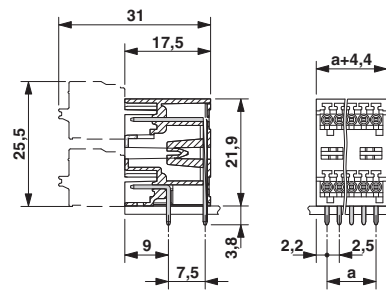
### Drawings

## Base strip - MCD 0.5/3-G1-2.5 - 1894817

Drilling diagram



Dimensioned drawing



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