

## Base strip - EMC 1,5/ 2-GF-3,81 - 1896941

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



The figure shows a 10-position version of the product

### Why buy this product

- ☒ Press-in tools available on request
- ☒ Pin strips with ERNI-PRESS flexible press-in zone
- ☒ Plug-in direction horizontal and vertical to the PCB
- ☒ Processing according to EN 60352-5



### Key commercial data

|                        |                                                                                                         |
|------------------------|---------------------------------------------------------------------------------------------------------|
| Packing unit           | 1                                                                                                       |
| Minimum order quantity | 50                                                                                                      |
| Catalog page           | Page 211 (CC-2011)                                                                                      |
| GTIN                   | <br>4 017918 166083 |
| Custom tariff number   | 85369010                                                                                                |
| Country of origin      | POLAND                                                                                                  |

### Technical data

#### Dimensions / positions

|                     |              |
|---------------------|--------------|
| Length              | 10.7 mm      |
| Pitch               | 3.81 mm      |
| Dimension a         | 3.81 mm      |
| Number of positions | 2            |
| Pin dimensions      | 0,8 x 0,8 mm |
| Hole diameter       | 1.45 mm      |

#### Technical data

|                             |                |
|-----------------------------|----------------|
| Range of articles           | EMC 1,5/...-GF |
| Insulating material group   | IIIa           |
| Rated surge voltage (III/3) | 2.5 kV         |

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### Technical data

#### Technical data

|                                         |        |
|-----------------------------------------|--------|
| 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)                    | 250 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                     | PBT    |
| 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

UL Recognized / cUL Recognized / GOST / GOST / cULus Recognized

Ex Approvals

Approvals submitted

## Approval details

|                                                                                                 |       |       |
|-------------------------------------------------------------------------------------------------|-------|-------|
| UL Recognized  |       |       |
|                                                                                                 | B     | D     |
| Nominal current IN                                                                              | 8 A   | 8 A   |
| Nominal voltage UN                                                                              | 300 V | 300 V |

|                                                                                                    |       |       |
|----------------------------------------------------------------------------------------------------|-------|-------|
| cUL Recognized  |       |       |
|                                                                                                    | B     | D     |
| Nominal current IN                                                                                 | 8 A   | 8 A   |
| Nominal voltage UN                                                                                 | 300 V | 300 V |

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

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

|                                                                                                      |  |  |
|------------------------------------------------------------------------------------------------------|--|--|
| cULus Recognized  |  |  |
|------------------------------------------------------------------------------------------------------|--|--|

## Accessories

Accessories

Assembly

## Base strip - EMC 1,5/ 2-GF-3,81 - 1896941

### Accessories

Assembly adapters - EMC 1,5-SH - 1877258



Stamp holder, for upper and lower stamp

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### 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

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### Plug/Adapter

Coding profile - CP-MSTB - 1734634

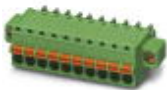


Keying profile, is inserted into the slot on the plug or inverted header, red insulating material

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### Additional products

Printed-circuit board connector - FK-MCP 1,5/ 2-STF-3,81 - 1851232



Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 2, Pitch: 3.81 mm, Connection method: Spring-cage conn., Color: green, Contact surface: Tin

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Printed-circuit board connector - MC 1,5/ 2-STF-3,81 - 1827703



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

## Base strip - EMC 1,5/ 2-GF-3,81 - 1896941

### Accessories

Printed-circuit board connector - MCVW 1,5/ 2-STF-3,81 - 1828498



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

Printed-circuit board connector - FRONT-MC 1,5/ 2-STF-3,81 - 1850851



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

Printed-circuit board connector - MCVR 1,5/ 2-STF-3,81 - 1828346



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

Printed-circuit board connector - QC 0,5/ 2-STF-3,81 - 1897542



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

Printed-circuit board connector - MCC 1/ 2-STZF-3,81 - 1852367

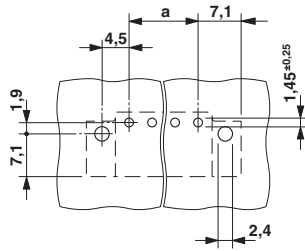


Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 2, Pitch: 3.81 mm, Connection method: Crimp connection, Color: green, Corresponding female crimp contacts with current [A] and conductor cross section range [mm²] data: 5A/MCC-MT 0,2-0,35 (1859988); 8A/MCC-MT 0,5-1,0 (1859991)

### Drawings

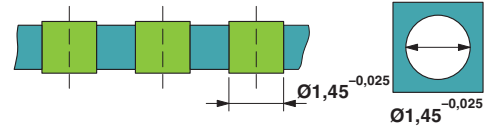
## Base strip - EMC 1,5/ 2-GF-3,81 - 1896941

Drilling diagram

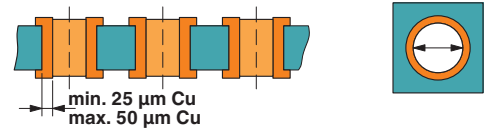


Drilling diagram

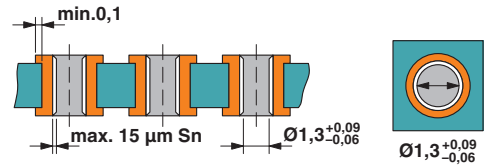
1)



2)



3)



Drill hole layout in FR4 or EP-GC basic material

Dimensioned drawing

