

## Base strip - GICV 2,5/ 3-G-7,62 - 1828922

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Header, Nominal current: 12 A, Rated voltage (III/2): 630 V, Number of positions: 3, Pitch: 7.62 mm, Color: green, Contact surface: Tin, Mounting: Soldering



The figure shows a 10-position version of the product

### Why buy this product

- ☒ Pairs of guide rails can be used as a 90° board-to-board connection
- ☒ Combination with GMSTB 2,5 headers for primary/secondary/PCB connection
- ☒ Use in shock-proof applications up to 630 V (III/2)
- ☒ Clear separation of PCB inputs/outputs



### Key commercial data

|                                      |                                                                                                         |
|--------------------------------------|---------------------------------------------------------------------------------------------------------|
| Packing unit                         | 50 pc                                                                                                   |
| Minimum order quantity               | 50 pc                                                                                                   |
| GTIN                                 | <br>4 017918 050818 |
| Weight per Piece (excluding packing) | 2.79 g                                                                                                  |
| Custom tariff number                 | 85366990                                                                                                |
| Country of origin                    | Germany                                                                                                 |

### Technical data

#### Dimensions

|                |           |
|----------------|-----------|
| Length         | 10.2 mm   |
| Pitch          | 7.62 mm   |
| Dimension a    | 15.24 mm  |
| Pin dimensions | 1,2 x 0,5 |
| Hole diameter  | 1.4 mm    |

#### General

|                             |               |
|-----------------------------|---------------|
| Range of articles           | GICV 2,5/..-G |
| Insulating material group   | I             |
| Rated surge voltage (III/3) | 6 kV          |

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### Technical data

#### General

|                                         |        |
|-----------------------------------------|--------|
| Rated surge voltage (III/2)             | 6 kV   |
| Rated surge voltage (II/2)              | 6 kV   |
| Rated voltage (III/3)                   | 500 V  |
| Rated voltage (III/2)                   | 630 V  |
| Rated voltage (II/2)                    | 1000 V |
| Connection in acc. with standard        | EN-VDE |
| Nominal current I <sub>N</sub>          | 12 A   |
| Maximum load current                    | 12 A   |
| Insulating material                     | PA     |
| Inflammability class according to UL 94 | V0     |
| Color                                   | green  |
| Number of positions                     | 3      |

### 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

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## Base strip - GICV 2,5/ 3-G-7,62 - 1828922

### Approvals

#### Approvals

CSA / UL Recognized / VDE Gutachten mit Fertigungsüberwachung / cUL Recognized / IECCE CB Scheme / CCA / EAC / cULus Recognized

#### Ex Approvals

#### Approvals submitted

#### Approval details

|                                                                                       |       |       |
|---------------------------------------------------------------------------------------|-------|-------|
| CSA  |       |       |
|                                                                                       | B     | D     |
| Nominal current I <sub>N</sub>                                                        | 10 A  | 10 A  |
| Nominal voltage U <sub>N</sub>                                                        | 300 V | 300 V |

|                                                                                                   |       |       |
|---------------------------------------------------------------------------------------------------|-------|-------|
| UL Recognized  |       |       |
|                                                                                                   | B     | D     |
| Nominal current I <sub>N</sub>                                                                    | 12 A  | 10 A  |
| Nominal voltage U <sub>N</sub>                                                                    | 250 V | 300 V |

|                                                                                                                             |       |
|-----------------------------------------------------------------------------------------------------------------------------|-------|
| VDE Gutachten mit Fertigungsüberwachung  |       |
| Nominal current I <sub>N</sub>                                                                                              | 12 A  |
| Nominal voltage U <sub>N</sub>                                                                                              | 400 V |

|                                                                                                    |       |       |
|----------------------------------------------------------------------------------------------------|-------|-------|
| cUL Recognized  |       |       |
|                                                                                                    | B     | D     |
| Nominal current I <sub>N</sub>                                                                     | 12 A  | 10 A  |
| Nominal voltage U <sub>N</sub>                                                                     | 250 V | 300 V |

## Base strip - GICV 2,5/ 3-G-7,62 - 1828922

### Approvals

|                                                                                                   |       |
|---------------------------------------------------------------------------------------------------|-------|
| IECEE CB Scheme  |       |
|                                                                                                   |       |
| Nominal current I <sub>N</sub>                                                                    | 12 A  |
| Nominal voltage U <sub>N</sub>                                                                    | 400 V |

|                                |       |
|--------------------------------|-------|
| CCA                            |       |
|                                |       |
| Nominal current I <sub>N</sub> | 12 A  |
| Nominal voltage U <sub>N</sub> | 400 V |

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

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

### 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 7,62/3,8:FORTL.ZAHLEN - 0804549



Marker card, Card, white, labeled, Horizontal: Consecutive numbers 1 - 10, 11 - 20, etc. up to 91 - 100, Mounting type: Adhesive, for terminal block width: 7.62 mm, Lettering field: 7.62 x 3.8 mm

#### Test plug terminal block

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### Accessories

Test plugs - MPS-MT - 0201744



Test plugs, Color: silver

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Reducing plug - RPS - 0201647



Reducing plug, Color: gray

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### Additional products

Base strip - GMSTBV 2,5/ 3-G-7,62 - 1766576



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Base strip - GMSTBA 2,5/ 3-G-7,62 - 1766246



Header, Nominal current: 12 A, Rated voltage (III/2): 630 V, Number of positions: 3, Pitch: 7.62 mm, Color: green, Contact surface: Tin, Mounting: Soldering

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Base strip - GMSTB 2,5/ 3-G-7,62 - 1766136



Header, Nominal current: 12 A, Rated voltage (III/2): 630 V, Number of positions: 3, Pitch: 7.62 mm, Color: green, Contact surface: Tin, Mounting: Soldering

## Base strip - GICV 2,5/ 3-G-7,62 - 1828922

### Accessories

Base strip - GMSTBVA 2,5/ 3-G-7,62 - 1766783

Header, Nominal current: 12 A, Rated voltage (III/2): 630 V, Number of positions: 3, Pitch: 7.62 mm, Color: green,  
Contact surface: Tin, Mounting: Soldering



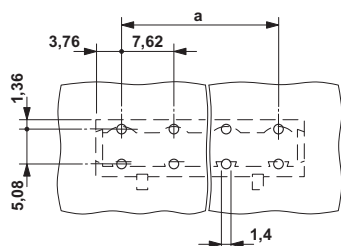
Printed-circuit board connector - GIC 2,5/ 3-ST-7,62 - 1828812

Plug component, Nominal current: 12 A, Rated voltage (III/2): 630 V, Number of positions: 3, Pitch: 7.62 mm,  
Connection method: Screw connection, Color: green, Contact surface: Tin



### Drawings

Drilling diagram



Dimensioned drawing

