

## Base strip - GIC 2,5/ 3-G-7,62 - 1828689

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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: Wave soldering



The figure shows a 10-position version of the product

### Product Features

- 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                         | 1 pc                                                                                                    |
| Minimum order quantity               | 50 pc                                                                                                   |
| GTIN                                 | <br>4 017918 050597 |
| Weight per Piece (excluding packing) | 5.1 g                                                                                                   |
| Custom tariff number                 | 85366990                                                                                                |
| Country of origin                    | Germany                                                                                                 |

### Technical data

#### Dimensions

|                       |          |
|-----------------------|----------|
| Length                | 19 mm    |
| Pitch                 | 7.62 mm  |
| Dimension a           | 15.24 mm |
| Constructional height | 11 mm    |

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### Technical data

#### Dimensions

|                          |           |
|--------------------------|-----------|
| Length of the solder pin | 3.5 mm    |
| Pin dimensions           | 1,2 x 0,5 |
| Hole diameter            | 1.4 mm    |

#### General

|                                        |              |
|----------------------------------------|--------------|
| Range of articles                      | GIC 2,5/..-G |
| Insulating material group              | I            |
| Rated surge voltage (III/3)            | 6 kV         |
| 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 $I_N$                  | 12 A         |
| Maximum load current                   | 12 A         |
| Insulating material                    | PA           |
| Flammability rating according to UL 94 | V0           |
| Color                                  | green        |
| Number of positions                    | 3            |

#### 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 |

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### Classifications

#### 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

CSA / UL Recognized / VDE Gutachten mit Fertigungsüberwachung / cUL Recognized / IECEx CB Scheme / EAC / 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 |

## Base strip - GIC 2,5/ 3-G-7,62 - 1828689

### Approvals

|                    | B     | D     |
|--------------------|-------|-------|
| Nominal voltage UN | 250 V | 300 V |

|                                                                                                                           |       |
|---------------------------------------------------------------------------------------------------------------------------|-------|
| VDE Gutachten mit Fertigungsüberwachung  |       |
| Nominal current IN                                                                                                        | 12 A  |
| Nominal voltage UN                                                                                                        | 400 V |

| cUL Recognized  |       |       |
|--------------------------------------------------------------------------------------------------|-------|-------|
|                                                                                                  | B     | D     |
| Nominal current IN                                                                               | 12 A  | 10 A  |
| Nominal voltage UN                                                                               | 250 V | 300 V |

|                                                                                                     |       |
|-----------------------------------------------------------------------------------------------------|-------|
| IECEE CB Scheme  |       |
| Nominal current IN                                                                                  | 12 A  |
| Nominal voltage UN                                                                                  | 400 V |

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

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

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

### Accessories

Accessories

Coding element

## Base strip - GIC 2,5/ 3-G-7,62 - 1828689

### Accessories

Coding profile - CP-MSTB - 1734634



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

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### 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

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### Test plug terminal block

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 - GIC 2,5/ 3-G-7,62 - 1828689

### Accessories

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

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: Wave soldering



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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: Wave 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: Wave soldering



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#### 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: Wave soldering



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#### 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 with tension sleeve, Color: green, Contact surface: Tin

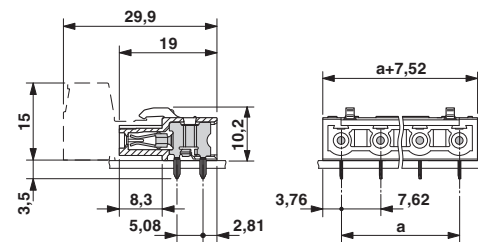
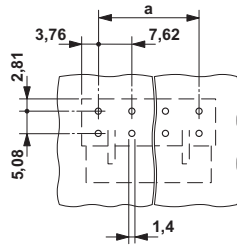


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### Drawings

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## Dimensional drawing



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