

## GMSTB 2,5/ 4-ST-7,62

Order No.: 1767025

The figure shows a 10-position version of the product



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1767025>

Plug component, nominal current: 12 A, rated voltage: 400 V, pitch:  
7.62 mm, no. of positions: 4, type of connection: Screw connection

### Commercial data

|                          |                    |
|--------------------------|--------------------|
| EAN                      | 4017918033033      |
| Pack                     | 50 Pcs.            |
| Customs tariff           | 85366990           |
| Weight/Piece             | 0.008014 KG        |
| Catalog page information | Page 234 (CC-2007) |

### Product notes

WEEE/RoHS-compliant since:  
01/01/2003



<http://www.download.phoenixcontact.com>  
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### Technical data

#### Dimensions / positions

|                        |          |
|------------------------|----------|
| Pitch                  | 7.62 mm  |
| Dimension a            | 22.86 mm |
| Number of positions    | 4        |
| Screw thread           | M 3      |
| Tightening torque, min | 0.5 Nm   |

#### Technical data

|                                    |                     |
|------------------------------------|---------------------|
| 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/2)              | 630 V               |
| Rated voltage (II/2)               | 1000 V              |
| Connection in acc. with standard   | EN-VDE              |
| Nominal current $I_N$              | 12 A                |
| Nominal voltage $U_N$              | 400 V               |
| Nominal cross section              | 2.5 mm <sup>2</sup> |
| Maximum load current               | 12 A                |
| Insulating material                | PA                  |
| Inflammability class acc. to UL 94 | V2                  |
| Internal cylindrical gage          | A3                  |
| Stripping length                   | 7 mm                |

#### Connection data

|                                                                            |                      |
|----------------------------------------------------------------------------|----------------------|
| Conductor cross section solid min.                                         | 0.2 mm <sup>2</sup>  |
| Conductor cross section solid max.                                         | 2.5 mm <sup>2</sup>  |
| Conductor cross section stranded min.                                      | 0.2 mm <sup>2</sup>  |
| Conductor cross section stranded max.                                      | 2.5 mm <sup>2</sup>  |
| Conductor cross section stranded, with ferrule without plastic sleeve min. | 0.25 mm <sup>2</sup> |
| Conductor cross section stranded, with ferrule without plastic sleeve max. | 2.5 mm <sup>2</sup>  |
| Conductor cross section stranded, with ferrule with plastic sleeve min.    | 0.25 mm <sup>2</sup> |
| Conductor cross section stranded, with ferrule with plastic sleeve max.    | 2.5 mm <sup>2</sup>  |
| Conductor cross section AWG/kcmil min.                                     | 24                   |
| Conductor cross section AWG/kcmil max                                      | 12                   |
| 2 conductors with same cross section, solid min.                           | 0.2 mm <sup>2</sup>  |
| 2 conductors with same cross section, solid max.                           | 1 mm <sup>2</sup>    |
| 2 conductors with same cross section, stranded min.                        | 0.2 mm <sup>2</sup>  |

|                                                                                         |                      |
|-----------------------------------------------------------------------------------------|----------------------|
| 2 conductors with same cross section, stranded max.                                     | 1.5 mm <sup>2</sup>  |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.   | 0.25 mm <sup>2</sup> |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.   | 1 mm <sup>2</sup>    |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. | 0.5 mm <sup>2</sup>  |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 1 mm <sup>2</sup>    |

#### Certificates / Approvals

Approval logo



#### CSA

|                                |       |
|--------------------------------|-------|
| Nominal voltage U <sub>N</sub> | 300 V |
| Nominal current I <sub>N</sub> | 10 A  |
| AWG/kcmil                      | 28-12 |

#### CUL

|                                |       |
|--------------------------------|-------|
| Nominal voltage U <sub>N</sub> | 300 V |
| Nominal current I <sub>N</sub> | 10 A  |
| AWG/kcmil                      | 30-12 |

#### UL

|                                |                                 |
|--------------------------------|---------------------------------|
| Nominal voltage U <sub>N</sub> | 300 V                           |
| Nominal current I <sub>N</sub> | 10 A                            |
| AWG/kcmil                      | 30-12                           |
| Certification                  | CB, CSA, CUL, GOST, UL, VDE-PZI |

#### Accessories

| Item           | Designation     | Description                                                                                                                       |
|----------------|-----------------|-----------------------------------------------------------------------------------------------------------------------------------|
| <b>General</b> |                 |                                                                                                                                   |
| 1803905        | KGG-MSTB 2,5/ 6 | Cable housing, for cable diameters of 5 -9.5 mm, clamp, screws, and marker strips are included, color: green, no. of positions: 6 |

#### Marking

|         |                          |                                                                                                                                                                             |
|---------|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1051993 | B-STIFT                  | Marker pen, for manual labeling of unprinted Zack strips, smear-proof and waterproof, line thickness 0.5 mm                                                                 |
| 0804549 | SK 7,62/3,8:FORTL.ZAHLEN | Marker card, printed horizontally, self-adhesive, 10-section marker strip, 12 identical decades marked 1-10, 11-20 etc. up to 91-99, sufficient for 120 terminal blocks     |
| 0805153 | SK 7,62/3,8:SO           | Marker card, special printing, self-adhesive, labeled acc. to customer requirements, 12 identical marker strips per card, max. 25-position labeling per strip, color: white |

#### Plug/Adapter

|         |         |                                                                                                   |
|---------|---------|---------------------------------------------------------------------------------------------------|
| 1734634 | CP-MSTB | Coding profile, is inserted into the slot on the plug or inverted header, red insulating material |
|---------|---------|---------------------------------------------------------------------------------------------------|

#### Tools

|         |             |                                                                                                                                                      |
|---------|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1205053 | SZS 0,6X3,5 | Screwdriver, bladed, matches all screw terminal blocks up to 4.0 mm <sup>2</sup> connection cross section, blade: 0.6 x 3.5 mm, without VDE approval |
|---------|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------|

#### Additional products

| Item           | Designation           | Description                                                                                                                            |
|----------------|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| <b>General</b> |                       |                                                                                                                                        |
| 1828825        | GIC 2,5/ 4-ST-7,62    | Plug component, nominal current: 12 A, rated voltage: 400 V, pitch: 7.62 mm, no. of positions: 4, type of connection: Screw connection |
| 1766149        | GMSTB 2,5/ 4-G-7,62   | Header, nominal current: 12 A, rated voltage: 400 V, pitch: 7.62 mm, no. of positions: 4, mounting: Soldering                          |
| 1766259        | GMSTBA 2,5/ 4-G-7,62  | Header, nominal current: 12 A, rated voltage: 400 V, pitch: 7.62 mm, no. of positions: 4, mounting: Soldering                          |
| 1766589        | GMSTBV 2,5/ 4-G-7,62  | Header, nominal current: 12 A, rated voltage: 400 V, pitch: 7.62 mm, no. of positions: 4, mounting: Soldering                          |
| 1766796        | GMSTBVA 2,5/ 4-G-7,62 | Header, nominal current: 12 A, rated voltage: 400 V, pitch: 7.62 mm, no. of positions: 4, mounting: Soldering                          |

## Drawings

Dimensioned drawing

