

## Plug - GMSTB 2,5 HCV/ 7-ST-7,62 - 1714320

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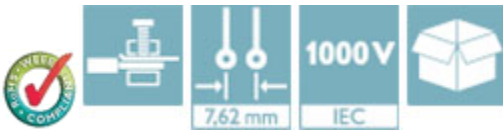
Plug component, Nominal current: 16 A, Rated voltage (III/2): 1000 V, Number of positions: 7, Pitch: 7.62 mm, Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin



The illustration shows the 5-position version of the product

### Product Features

- Compact 7.62 mm pitch
- The double steel spring provides additional safety, especially in the event of temperature and power fluctuations
- Maximum performance in a minimum amount of space: current carrying capacity of 16 A in conjunction with unlimited 600 V UL approval



### Key Commercial Data

|                                      |          |
|--------------------------------------|----------|
| Packing unit                         | 1 pc     |
| Minimum order quantity               | 50 pc    |
| Weight per Piece (excluding packing) | 14.59 g  |
| Custom tariff number                 | 85366990 |
| Country of origin                    | Germany  |

### Technical data

#### Dimensions

|             |          |
|-------------|----------|
| Width       | 53.12 mm |
| Pitch       | 7.62 mm  |
| Dimension a | 45.72 mm |

#### General

|                             |                     |
|-----------------------------|---------------------|
| Range of articles           | GMSTB 2,5 HCV/..-ST |
| Insulating material group   | I                   |
| Rated surge voltage (III/3) | 8 kV                |

# Plug - GMSTB 2,5 HCV/ 7-ST-7,62 - 1714320

## Technical data

### General

|  |                     |
|--|---------------------|
| Rated surge voltage (III/2)            | 8 kV                |
| Rated surge voltage (II/2)             | 8 kV                |
| Rated voltage (III/3)                  | 1000 V              |
| Rated voltage (III/2)                  | 1000 V              |
| Rated voltage (II/2)                   | 1000 V              |
| Connection in acc. with standard       | EN-VDE              |
| Nominal current $I_N$                  | 16 A                |
| Nominal cross section                  | 2.5 mm <sup>2</sup> |
| Maximum load current                   | 16 A                |
| Insulating material                    | PA                  |
| Flammability rating according to UL 94 | V0                  |
| Internal cylindrical gage              | A3                  |
| Stripping length                       | 8 mm                |
| Number of positions                    | 7                   |
| Screw thread                           | M3                  |
| Tightening torque, min                 | 0.5 Nm              |
| Tightening torque max                  | 0.6 Nm              |

### 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 flexible min.   | 0.2 mm <sup>2</sup>  |
| Conductor cross section flexible max.   | 2.5 mm <sup>2</sup>  |
| Conductor cross section flexible, with ferrule without plastic sleeve min.              | 0.25 mm <sup>2</sup> |
| Conductor cross section flexible, with ferrule without plastic sleeve max.              | 2.5 mm <sup>2</sup>  |
| Conductor cross section flexible, with ferrule with plastic sleeve min.                 | 0.25 mm <sup>2</sup> |
| Conductor cross section flexible, with ferrule with plastic sleeve max.                 | 2.5 mm <sup>2</sup>  |
| Conductor cross section AWG min.  | 24                   |
| Conductor cross section AWG 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>  |

## Plug - GMSTB 2,5 HCV/ 7-ST-7,62 - 1714320

### Technical data

#### Connection data

|   |                   |
|---|-------------------|
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 1 mm <sup>2</sup> |
| Minimum AWG according to UL/CUL   | 30                |
| Maximum AWG according to UL/CUL   | 12                |

#### Standards and Regulations

|  |        |
|--|--------|
| Connection in acc. with standard       | EN-VDE |
|  | CUL    |
| 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 | 27440309 |
| eCl@ss 9.0 | 27440309 |

#### ETIM

|          |          |
|----------|----------|
| ETIM 3.0 | EC001121 |
| ETIM 4.0 | EC002638 |
| ETIM 5.0 | EC002638 |

#### 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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# Plug - GMSTB 2,5 HCV/ 7-ST-7,62 - 1714320

## Approvals

Approvals

UL Recognized / cUL Recognized / EAC / EAC / cULus Recognized

Ex Approvals

Approvals submitted

## Approval details

UL Recognized

|                                | B      | C      |
|--------------------------------|--------|--------|
| mm <sup>2</sup> /AWG/kcmil     | 30-12  | 30-12  |
| Nominal current I <sub>N</sub> | 18.5 A | 18.5 A |
| Nominal voltage U <sub>N</sub> | 600 V  | 600 V  |

cUL Recognized

|                                | B      | C      |
|--------------------------------|--------|--------|
| mm <sup>2</sup> /AWG/kcmil     | 30-12  | 30-12  |
| Nominal current I <sub>N</sub> | 18.5 A | 18.5 A |
| Nominal voltage U <sub>N</sub> | 600 V  | 600 V  |

EAC

EAC

cULus Recognized

## Accessories

Accessories

Coding element

## Plug - GMSTB 2,5 HCV/ 7-ST-7,62 - 1714320

### 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

Marker card - SK 3,8 REEL P7,62 WH CUS - 0825128



Marker card, can be ordered: By card, white, labeled according to customer specifications, Mounting type: Adhesive, for terminal block width: 7.62 mm, Lettering field: continuous x 3.8 mm

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### Marker pen

Marker pen - B-STIFT - 1051993



Marker pen, for manual labeling of unprinted Zack strips, smear-proof and waterproof, line thickness 0.5 mm

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### Screwdriver tools

# Plug - GMSTB 2,5 HCV/ 7-ST-7,62 - 1714320

## Accessories

Screwdriver - SZS 0,6X3,5 - 1205053



Actuation tool, for ST terminal blocks, insulated, also suitable for use as a bladed screwdriver, size: 0.6 x 3.5 x 100 mm, 2-component grip, with non-slip grip

## Terminal marking

Marker card - SK U/3,8 WH:UNBEDRUCKT - 0803906



Marker card, Sheet, white, unlabeled, can be labeled with: Plotter, Office printing systems, Mounting type: Adhesive, Lettering field: 186 x 3.8 mm

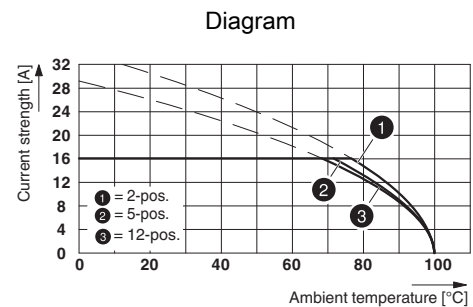
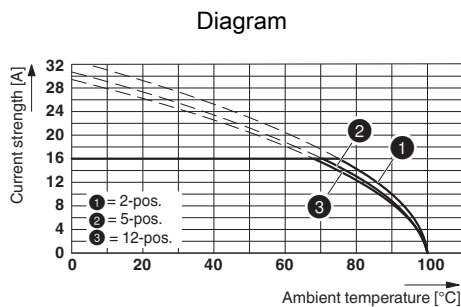
## Additional products

Base strip - GMSTBA 2,5 HC/ 7-G-7,62 - 1728905



Header, Nominal current: 16 A, Rated voltage (III/2): 630 V, Number of positions: 7, Pitch: 7.62 mm, Color: green, Contact surface: Tin, Mounting: Wave soldering

## Drawings

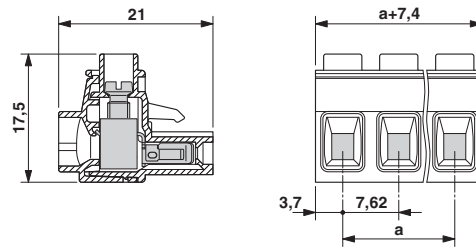


Derating curve for: GMSTB 2,5 HCV/...-ST-7,62 with GMSTBA 2,5 HC/...-G-7,62

Type: GMSTB 2.5 HCV/...-ST-7.62(-LR) with GMSTBVA 2.5 HC/...-G-7.62(-LR)

# Plug - GMSTB 2,5 HCV/ 7-ST-7,62 - 1714320

Dimensional drawing



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