

## Plug - GMSTB 2,5 HCV/ 2-ST-7,62 - 1714278

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



The illustration shows the 5-position version of the product

### Why buy this product

- 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	0
Minimum order quantity	50
Catalog page	Page 408 (CC-2011)
GTIN	 4 046356 094665
Custom tariff number	85366990
Country of origin	GERMANY

### Technical data

#### Dimensions / positions

Pitch	7.62 mm
Dimension a	7.62 mm
Number of positions	2
Screw thread	M3
Tightening torque, min	0.5 Nm
Tightening torque max	0.6 Nm

#### Technical data

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

# Plug - GMSTB 2,5 HCV/ 2-ST-7,62 - 1714278

## Technical data

### Technical data

Rated surge voltage (III/2)	8 kV
Rated surge voltage (II/2)	8 kV
Rated voltage (III/2)	1000 V
Rated voltage (II/2)	1000 V
Connection in acc. with standard	EN-VDE
Nominal current I <sub>N</sub>	16 A
Nominal voltage U <sub>N</sub>	1000 V
Nominal cross section	2.5 mm <sup>2</sup>
Maximum load current	16 A
Insulating material	PA
Inflammability class according to UL 94	V0
Internal cylindrical gage	A3
Stripping length	8 mm
Nominal voltage, UL/CUL Use Group B	600 V
Nominal current, UL/CUL Use Group B	18.5 A
Nominal voltage, UL/CUL Use Group C	600 V
Nominal current, UL/CUL Use Group C	18.5 A

### 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>
Minimum AWG according to UL/CUL	30

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## Technical data

### Connection data

Maximum AWG according to UL/CUL	12
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## 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	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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#### Approvals

UL Recognized / cUL Recognized / GOST / cULus Recognized

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#### Ex Approvals

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#### Approvals submitted

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### Approval details

# Plug - GMSTB 2,5 HCV/ 2-ST-7,62 - 1714278

## Approvals

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

GOST

cULus Recognized

## Accessories

### Accessories

### Marking

Marker cards - SK 7,5/3,8:FORTL.ZAHLEN - 0804455



Marker cards, Card, white, Labeled, Horizontal: Consecutive numbers 1 - 10, 11 - 20, etc. up to 91 - 100, Mounting type: Adhesive, For terminal block width: 7.5 mm

Marker pen - B-STIFT - 1051993



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

## Plug/Adapter

# Plug - GMSTB 2,5 HCV/ 2-ST-7,62 - 1714278

## Accessories

Coding profile - CP-MSTB - 1734634

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



## Tools

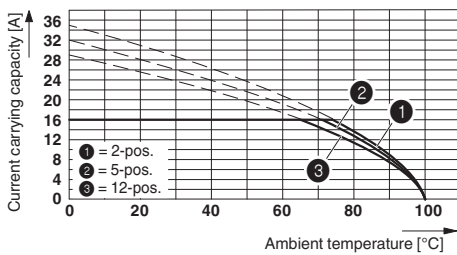
Screwdriver - SZS 0,6X3,5 - 1205053



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

## Drawings

### Diagram



### Dimensioned drawing

