

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

Order No.: 1766990

The figure shows a 10-position version of the product

<http://eshop.phoenixcontact.net/phoenix/treeViewClick.do?UID=1766990>

Plug component, Nominal current: 12 A, Nom. voltage: 400 V, Pitch:  
7.62 mm, Number of positions: 2, Connection type: Screw connection,  
Color: green

### Commercial data

EAN	4017918033019
Pack	50 pcs.
Customs tariff	85366990
Weight/Piece	0.00407 KG
Catalog page information	Page 266 (CC-2009)

### Product notes

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



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### 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**

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



Certification

CB, CSA, CUL, GOST, UL, VDE-PZI

#### 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

### Accessories

Item	Designation	Description
<b>General</b>		
1803947	KGG-MSTB 2,5/ 3	Cable housing, Number of positions: 3, Dimension a: 15 mm, Color: green

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

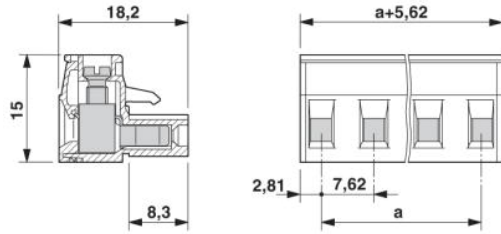
1205053	SZS 0,6X3,5	Screwdriver, bladed, matches all screw terminal blocks up to 4.0 mm <sup>2</sup> connection cross section, blade: 0.6 x 3.5 mm, without VDE approval
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### Additional products

Item	Designation	Description
<b>General</b>		
1828809	GIC 2,5/ 2-ST-7,62	Plug component, Nominal current: 12 A, Nom. voltage: 400 V, Pitch: 7.62 mm, Number of positions: 2, Connection type: Screw connection, Color: green
1766123	GMSTB 2,5/ 2-G-7,62	Header, Nominal current: 12 A, Nom. voltage: 400 V, Pitch: 7.62 mm, Number of positions: 2, Color: green, Assembly: Soldering
1766233	GMSTBA 2,5/ 2-G-7,62	Header, Nominal current: 12 A, Nom. voltage: 400 V, Pitch: 7.62 mm, Number of positions: 2, Color: green, Assembly: Soldering
1766563	GMSTBV 2,5/ 2-G-7,62	Header, Nominal current: 12 A, Nom. voltage: 400 V, Pitch: 7.62 mm, Number of positions: 2, Color: green, Assembly: Soldering
1766770	GMSTBVA 2,5/ 2-G-7,62	Header, Nominal current: 12 A, Nom. voltage: 400 V, Pitch: 7.62 mm, Number of positions: 2, Color: green, Assembly: Soldering

## Diagrams/Drawings

Dimensioned drawing



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