

## MSTB 2,5/15-ST

Order No.: 1754708

The figure shows a 10-position version of the product



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1754708>

Plug component, nominal current: 12 A, rated voltage: 250 V, pitch: 5.0 mm, no. of positions: 15, type of connection: Screw connection

Commercial data	
EAN	4017918028879
Pack	50 Pcs.
Customs tariff	85366990
Weight/Piece	0.02613 KG
Catalog page information	Page 174 (CC-2007)

### Product notes

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



[http://  
www.download.phoenixcontact.com](http://www.download.phoenixcontact.com)  
Please note that the data given  
here has been taken from the  
online catalog. For comprehensive  
information and data, please refer  
to the user documentation. The  
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Use apply to Internet downloads.

### Technical data

#### Dimensions / positions

Pitch	5 mm
Dimension a	70 mm
Number of positions	15
Screw thread	M 3
Tightening torque, min	0.5 Nm

#### Technical data

Insulating material group	I
Rated surge voltage (III/3)	4 kV
Rated surge voltage (III/2)	4 kV
Rated surge voltage (II/2)	4 kV
Rated voltage (III/2)	320 V
Rated voltage (II/2)	630 V
Connection in acc. with standard	EN-VDE
Nominal current $I_N$	12 A
Nominal voltage $U_N$	250 V
Nominal cross section	2.5 mm <sup>2</sup>
Maximum load current	12 A (with 2.5 mm <sup>2</sup> conductor cross section)
Insulating material	PA
Inflammability class acc. to UL 94	V0
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.	1.5 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
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#### General

1733169	EBP 2- 5	Insertion bridge, fully insulated, for plug connectors with 5.0 or 5.08 mm pitch, no. of positions: 2
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1783847	KGS-MSTB 2,5/15	Cable housing, for cable diameters of 6 - 13.5 mm, marker strips and transparent label carrier are included, color: green, no. of positions: 15
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#### Marking

0804293	SK 5,08/3,8:FORTL.ZAHLEN	Marker card, printed horizontally, self-adhesive, 12 identical decades marked 1-10, 11-20 etc. up to 91-(99)100, sufficient for 120 terminal blocks
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#### Plug/Adapter

1734634	CP-MSTB	Coding 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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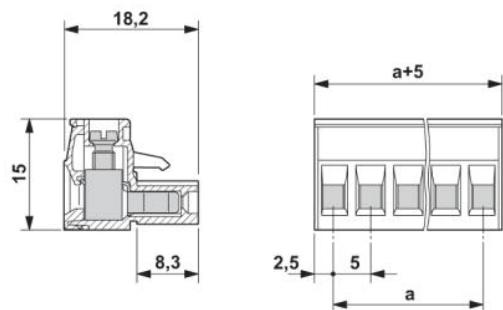
#### Additional products

Item	Designation	Description
<b>General</b>		
0707222	DFK-MSTB 2,5/15-G	Header, nominal current: 12 A, rated voltage: 320 V, pitch: 5.0 mm, no. of positions: 15, mounting: Direct mounting
1899977	EMSTBA 2,5/15-G	Header, nominal current: 12 A, rated voltage: 250 V, pitch: 5.0 mm, no. of positions: 15, mounting: Press in
1914988	EMSTBVA 2,5/15-G	Header, nominal current: 12 A, rated voltage: 200 V, pitch: 5.0 mm, no. of positions: 15, mounting: press in
1762826	MDSTB 2,5/15-G1	Header, nominal current: 10 A, rated voltage: 250 V, pitch: 5.0 mm, no. of positions: 15, mounting: Soldering
1762978	MDSTBV 2,5/15-G1	Header, nominal current: 10 A, rated voltage: 250 V, pitch: 5.0 mm, no. of positions: 15, mounting: Soldering
1754698	MSTB 2,5/15-G	Header, nominal current: 12 A, rated voltage: 250 V, pitch: 5.0 mm, no. of positions: 15, mounting: Soldering
1768312	MSTB 2,5/15-G-LA	Header, nominal current: 12 A, rated voltage: 250 V, pitch: 5.0 mm, no. of positions: 15, mounting: Soldering
1757598	MSTBA 2,5/15-G	Header, nominal current: 12 A, rated voltage: 250 V, pitch: 5.0 mm, no. of positions: 15, mounting: Soldering
1770614	MSTBA 2,5/15-G-LA	Header, nominal current: 12 A, rated voltage: 250 V, pitch: 5.0 mm, no. of positions: 15, mounting: Soldering
1753699	MSTBV 2,5/15-G	Header, nominal current: 12 A, rated voltage: 250 V, pitch: 5.0 mm, no. of positions: 15, mounting: Soldering
1755639	MSTBVA 2,5/15-G	Header, nominal current: 12 A, rated voltage: 250 V, pitch: 5.0 mm, no. of positions: 15, mounting: Soldering

1735989	MSTBW 2,5/15-G	Header, nominal current: 12 A, rated voltage: 250 V, pitch: 5.0 mm, no. of positions: 15, mounting: Soldering
1769366	SMSTB 2,5/15-G	Header, nominal current: 12 A, rated voltage: 250 V, pitch: 5.0 mm, no. of positions: 15, mounting: Soldering
1769939	SMSTBA 2,5/15-G	Header, nominal current: 12 A, rated voltage: 250 V, pitch: 5.0 mm, no. of positions: 15, mounting: Soldering

### Drawings

Dimensioned drawing



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