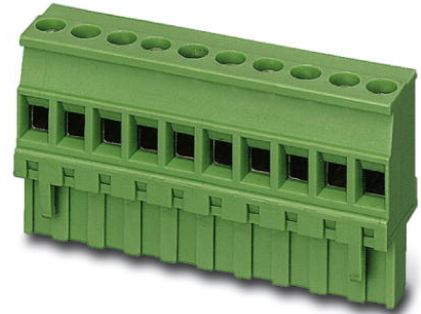


## MVSTBR 2,5/12-ST

Order No.: 1792113

The figure shows a 10-position version of the product

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1792113>

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

### Commercial data

EAN	4017918044596
Pack	50 Pcs.
Customs tariff	85366990
Weight/Piece	0.02618 KG
Catalog page information	Page 178 (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  
General Terms and Conditions of  
Use apply to Internet downloads.

### Technical data

#### Dimensions / positions

Pitch	5 mm
Dimension a	55 mm
Number of positions	12
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



#### 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

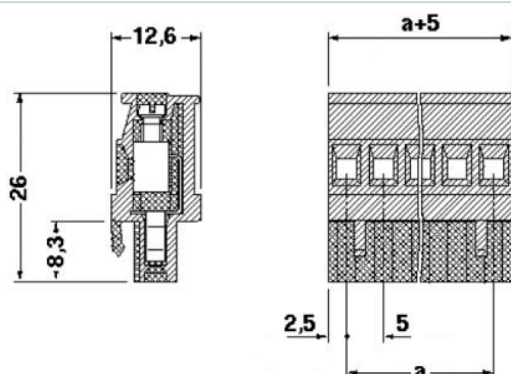
#### Additional products

Item	Designation	Description
<b>General</b>		
0707196	DFK-MSTB 2,5/12-G	Header, nominal current: 12 A, rated voltage: 320 V, pitch: 5.0 mm, no. of positions: 12, mounting: Direct mounting
1899948	EMSTBA 2,5/12-G	Header, nominal current: 12 A, rated voltage: 250 V, pitch: 5.0 mm, no. of positions: 12, mounting: press in

1914959	EMSTBVA 2,5/12-G	Header, nominal current: 12 A, rated voltage: 200 V, pitch: 5.0 mm, no. of positions: 12, mounting: press in
1762790	MDSTB 2,5/12-G1	Header, nominal current: 10 A, rated voltage: 250 V, pitch: 5.0 mm, no. of positions: 12, mounting: Soldering
1846616	MDSTBA 2,5/12-G	Header, nominal current: 10 A, rated voltage: 250 V, pitch: 5.0 mm, no. of positions: 12, mounting: Soldering
1762949	MDSTBV 2,5/12-G1	Header, nominal current: 10 A, rated voltage: 250 V, pitch: 5.0 mm, no. of positions: 12, mounting: Soldering
1845882	MDSTBVA 2,5/12-G	Header, nominal current: 10 A, rated voltage: 250 V, pitch: 5.0 mm, no. of positions: 12, mounting: Soldering
1754630	MSTB 2,5/12-G	Header, nominal current: 12 A, rated voltage: 250 V, pitch: 5.0 mm, no. of positions: 12, mounting: Soldering
1768286	MSTB 2,5/12-G-LA	Header, nominal current: 12 A, rated voltage: 250 V, pitch: 5.0 mm, no. of positions: 12, mounting: Soldering
1757569	MSTBA 2,5/12-G	Header, nominal current: 12 A, rated voltage: 250 V, pitch: 5.0 mm, no. of positions: 12, mounting: Soldering
1770588	MSTBA 2,5/12-G-LA	Header, nominal current: 12 A, rated voltage: 250 V, pitch: 5.0 mm, no. of positions: 12, mounting: Soldering
1753631	MSTBV 2,5/12-G	Header, nominal current: 12 A, rated voltage: 250 V, pitch: 5.0 mm, no. of positions: 12, mounting: Soldering
1755600	MSTBVA 2,5/12-G	Header, nominal current: 12 A, rated voltage: 250 V, pitch: 5.0 mm, no. of positions: 12, mounting: Soldering
1736014	MSTBW 2,5/12-G	Header, nominal current: 12 A, rated voltage: 250 V, pitch: 5.0 mm, no. of positions: 12, mounting: Soldering
1769337	SMSTB 2,5/12-G	Header, nominal current: 12 A, rated voltage: 250 V, pitch: 5.0 mm, no. of positions: 12, mounting: Soldering
1769900	SMSTBA 2,5/12-G	Header, nominal current: 12 A, rated voltage: 250 V, pitch: 5.0 mm, no. of positions: 12, mounting: Soldering

## Drawings

### Dimensioned drawing



**Address**

PHOENIX CONTACT Inc., USA  
586 Fulling Mill Road  
Middletown, PA 17057, USA  
Phone (800) 888-7388  
Fax (717) 944-1625  
<http://www.phoenixcon.com>



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