

## MVSTBR 2,5/ 5-ST

Order No.: 1792045



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1792045>

Plug component, nominal current: 12 A, rated voltage: 250 V, pitch:  
5.0 mm, no. of positions: 5, type of connection: Screw connection

### Commercial data

EAN	4017918044527
Pack	50 Pcs.
Customs tariff	85366990
Weight/Piece	0.01082 KG
Catalog page information	Page 178 (CC-2007)

### Product notes

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



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### Technical data

#### Dimensions / positions

Pitch	5 mm
Dimension a	20 mm
Number of positions	5
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

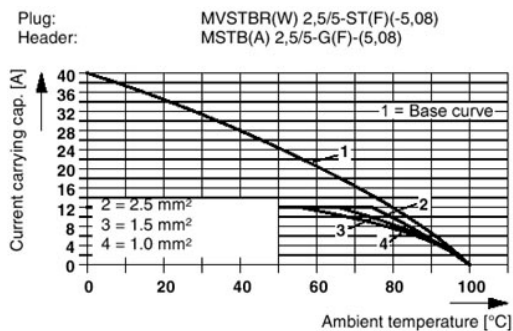
### Additional products

Item	Designation	Description
<b>General</b>		
0707138	DFK-MSTB 2,5/ 5-G	Header, nominal current: 12 A, rated voltage: 320 V, pitch: 5.0 mm, no. of positions: 5, mounting: Direct mounting
1899870	EMSTBA 2,5/ 5-G	Header, nominal current: 12 A, rated voltage: 250 V, pitch: 5.0 mm, no. of positions: 5, mounting: press in

1914881	EMSTBVA 2,5/ 5-G	Header, nominal current: 12 A, rated voltage: 200 V, pitch: 5.0 mm, no. of positions: 5, mounting: press in
1846548	MDSTBA 2,5/ 5-G	Header, nominal current: 10 A, rated voltage: 250 V, pitch: 5.0 mm, number of positions: 5, mounting type: soldering
1845811	MDSTBVA 2,5/ 5-G	Header, nominal current: 10 A, rated voltage: 250 V, pitch: 5.0 mm, number of positions: 5, mounting type: soldering
1754494	MSTB 2,5/ 5-G	Header, nominal current: 12 A, rated voltage: 250 V, pitch: 5.0 mm, no. of positions: 5, mounting: Soldering
1768215	MSTB 2,5/ 5-G-LA	Header, nominal current: 12 A, rated voltage: 250 V, pitch: 5.0 mm, no. of positions: 5, mounting: Soldering
1757501	MSTBA 2,5/ 5-G	Header, nominal current: 12 A, rated voltage: 250 V, pitch: 5.0 mm, no. of positions: 5, mounting: Soldering
1770517	MSTBA 2,5/ 5-G-LA	Header, nominal current: 12 A, rated voltage: 250 V, pitch: 5.0 mm, no. of positions: 5, mounting: Soldering
1753495	MSTBV 2,5/ 5-G	Header, nominal current: 12 A, rated voltage: 250 V, pitch: 5.0 mm, no. of positions: 5, mounting: Soldering
1755545	MSTBVA 2,5/ 5-G	Header, nominal current: 12 A, rated voltage: 250 V, pitch: 5.0 mm, no. of positions: 5, mounting: Soldering
1736085	MSTBW 2,5/ 5-G	Header, nominal current: 12 A, rated voltage: 250 V, pitch: 5.0 mm, no. of positions: 5, mounting: Soldering
1769269	SMSTB 2,5/ 5-G	Header, nominal current: 12 A, rated voltage: 250 V, pitch: 5.0 mm, no. of positions: 5, mounting: Soldering
1769832	SMSTBA 2,5/ 5-G	Header, nominal current: 12 A, rated voltage: 250 V, pitch: 5.0 mm, no. of positions: 5, mounting: Soldering

## Drawings

### Diagram



Dimensioned drawing

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