

MVSTBR 2,5/10-ST

Order No.: 1792090

The figure shows a 10-position version of the product

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1792090>

Plug component, Nominal current: 12 A, Nom. voltage: 250 V, Pitch:
5 mm, Number of positions: 10, Connection type: Screw connection,
Color: green

Commercial data

EAN	4017918044572
Pack	50 pcs.
Customs tariff	85366990
Weight/Piece	0.02196 KG
Catalog page information	Page 202 (CC-2009)

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	45 mm
Number of positions	10
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)	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 ²
Maximum load current	12 A (with 2.5 mm ² 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 ²
Conductor cross section solid max.	2.5 mm ²
Conductor cross section stranded min.	0.2 mm ²
Conductor cross section stranded max.	2.5 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.25 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve max.	2.5 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.25 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve max.	2.5 mm ²
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 ²
2 conductors with same cross section, solid max.	1 mm ²

2 conductors with same cross section, stranded min.	0.2 mm ²
2 conductors with same cross section, stranded max.	1.5 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.25 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	1 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	1.5 mm ²

Certificates / Approvals



Certification

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

CSA

Nominal voltage U _N	300 V
Nominal current I _N	10 A
AWG/kcmil	28-12

CUL

Nominal voltage U _N	300 V
Nominal current I _N	10 A
AWG/kcmil	30-12

UL

Nominal voltage U _N	300 V
Nominal current I _N	10 A
AWG/kcmil	30-12

Accessories

Item	Designation	Description
Tools		
1205053	SZS 0,6X3,5	Screwdriver, bladed, matches all screw terminal blocks up to 4.0 mm ² connection cross section, blade: 0.6 x 3.5 mm, without VDE approval

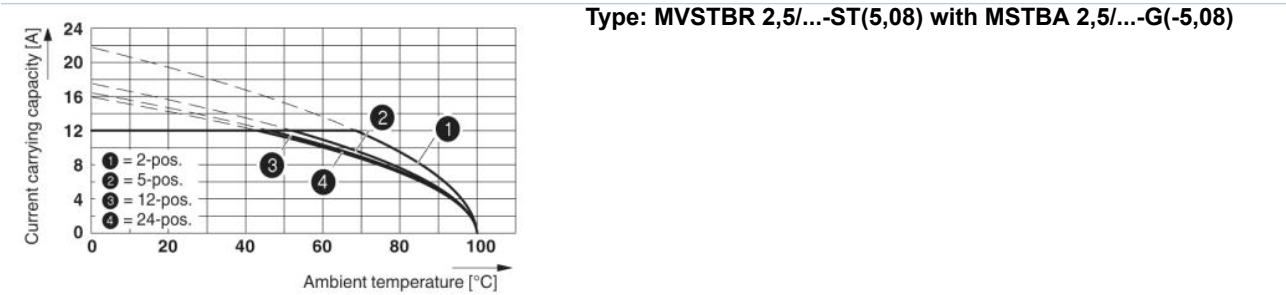
Additional products

Item	Designation	Description
General		
1899922	EMSTBA 2,5/10-G	Header, Nominal current: 12 A, Nom. voltage: 250 V, Pitch: 5 mm, Number of positions: 10, Color: green, Assembly: Press-in
1914933	EMSTBVA 2,5/10-G	Header, Nominal current: 12 A, Nom. voltage: 200 V, Pitch: 5 mm, Number of positions: 10, Color: green, Assembly: Press-in
1762774	MDSTB 2,5/10-G1	Header, Nominal current: 10 A, Nom. voltage: 250 V, Pitch: 5 mm, Number of positions: 10, Color: green, Assembly: Soldering
1846593	MDSTBA 2,5/10-G	Header, Nominal current: 10 A, Nom. voltage: 250 V, Pitch: 5 mm, Number of positions: 10, Color: green, Assembly: Soldering
1762923	MDSTBV 2,5/10-G1	Header, Nominal current: 10 A, Nom. voltage: 250 V, Pitch: 5 mm, Number of positions: 10, Color: green, Assembly: Soldering
1845866	MDSTBVA 2,5/10-G	Header, Nominal current: 10 A, Nom. voltage: 250 V, Pitch: 5 mm, Number of positions: 10, Color: green, Assembly: Soldering
1754591	MSTB 2,5/10-G	Header, Nominal current: 12 A, Nom. voltage: 250 V, Pitch: 5 mm, Number of positions: 10, Color: green, Assembly: Soldering
1768260	MSTB 2,5/10-G-LA	Header, Nominal current: 12 A, Nom. voltage: 250 V, Pitch: 5 mm, Number of positions: 10, Assembly: Soldering
1757543	MSTBA 2,5/10-G	Header, Nominal current: 12 A, Nom. voltage: 250 V, Pitch: 5 mm, Number of positions: 10, Color: green, Assembly: Soldering
1770562	MSTBA 2,5/10-G-LA	Header, Nominal current: 12 A, Nom. voltage: 250 V, Pitch: 5 mm, Number of positions: 10, Assembly: Soldering
1765085	MSTBHK 2,5/10-G	Plug component, Nominal current: 12 A, Nom. voltage: 250 V, Pitch: 5 mm, Number of positions: 10, Connection type: Screw connection, Assembly: DIN rail, Color: green
1753592	MSTBV 2,5/10-G	Header, Nominal current: 12 A, Nom. voltage: 250 V, Pitch: 5 mm, Number of positions: 10, Color: green, Assembly: Soldering
1755503	MSTBVA 2,5/10-G	Header, Nominal current: 12 A, Nom. voltage: 250 V, Pitch: 5 mm, Number of positions: 10, Color: green, Assembly: Soldering
1736030	MSTBW 2,5/10-G	Header, Nominal current: 12 A, Nom. voltage: 250 V, Pitch: 5 mm, Number of positions: 10, Color: green, Assembly: Soldering
1769311	SMSTB 2,5/10-G	Header, Nominal current: 12 A, Nom. voltage: 250 V, Pitch: 5 mm, Number of positions: 10, Color: green, Assembly: Soldering

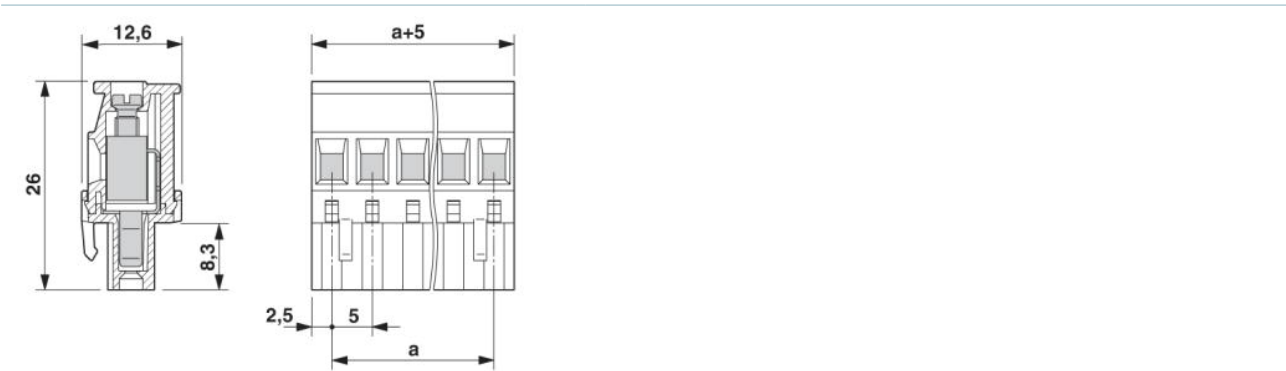
1769887	SMSTBA 2,5/10-G	Header, Nominal current: 12 A, Nom. voltage: 250 V, Pitch: 5 mm, Number of positions: 10, Color: green, Assembly: Soldering
---------	-----------------	---

Diagrams/Drawings

Diagram



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>



© 2010 Phoenix Contact
Technical modifications reserved;