

MVSTBR 2,5/ 7-ST

Order No.: 1792061

The figure shows a 10-position version of the product

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1792061>

Plug component, Nominal current: 12 A, Nom. voltage: 250 V, Pitch:
5 mm, Number of positions: 7, Connection type: Screw connection,
Color: green

Commercial data

EAN	4017918044541
Pack	50 pcs.
Customs tariff	85366990
Weight/Piece	0.0152 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
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Technical data

Dimensions / positions

Pitch	5 mm
Dimension a	30 mm
Number of positions	7
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

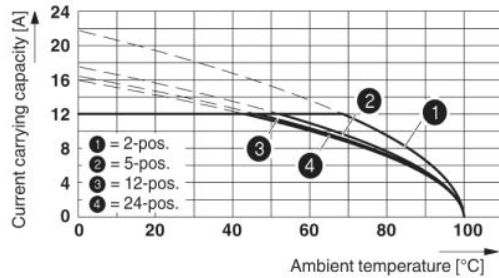
Nominal voltage U _N	300 V
Nominal current I _N	10 A
AWG/kcmil	30-12

Additional products

Item	Designation	Description
General		
0707154	DFK-MSTB 2,5/ 7-G	Plug component, Nominal current: 12 A, Nom. voltage: 320 V, Nom. voltage: 320 V, Pitch: 5 mm, Number of positions: 7, Color: green, Assembly: Direct mounting
1899896	EMSTBA 2,5/ 7-G	Header, Nominal current: 12 A, Nom. voltage: 250 V, Pitch: 5 mm, Number of positions: 7, Color: green, Assembly: Press-in
1914904	EMSTBVA 2,5/ 7-G	Header, Nominal current: 12 A, Nom. voltage: 200 V, Pitch: 5 mm, Number of positions: 7, Color: green, Assembly: Press-in
1762745	MDSTB 2,5/ 7-G1	Header, Nominal current: 10 A, Nom. voltage: 250 V, Pitch: 5 mm, Number of positions: 7, Color: green, Assembly: Soldering
1846564	MDSTBA 2,5/ 7-G	Header, Nominal current: 10 A, Nom. voltage: 250 V, Pitch: 5 mm, Number of positions: 7, Color: green, Assembly: Soldering
1762897	MDSTBV 2,5/ 7-G1	Header, Nominal current: 10 A, Nom. voltage: 250 V, Pitch: 5 mm, Number of positions: 7, Color: green, Assembly: Soldering
1845837	MDSTBVA 2,5/ 7-G	Header, Nominal current: 10 A, Nom. voltage: 250 V, Pitch: 5 mm, Number of positions: 7, Color: green, Assembly: Soldering
1754533	MSTB 2,5/ 7-G	Header, Nominal current: 12 A, Nom. voltage: 250 V, Pitch: 5 mm, Number of positions: 7, Color: green, Assembly: Soldering
1768231	MSTB 2,5/ 7-G-LA	Header, Nominal current: 12 A, Nom. voltage: 250 V, Pitch: 5 mm, Number of positions: 7, Assembly: Soldering
1755493	MSTBA 2,5/ 7-G	Header, Nominal current: 12 A, Nom. voltage: 250 V, Pitch: 5 mm, Number of positions: 7, Color: green, Assembly: Soldering
1770533	MSTBA 2,5/ 7-G-LA	Header, Nominal current: 12 A, Nom. voltage: 250 V, Pitch: 5 mm, Number of positions: 7, Assembly: Soldering
1753534	MSTBV 2,5/ 7-G	Header, Nominal current: 12 A, Nom. voltage: 250 V, Pitch: 5 mm, Number of positions: 7, Color: green, Assembly: Soldering
1755561	MSTBVA 2,5/ 7-G	Header, Nominal current: 12 A, Nom. voltage: 250 V, Pitch: 5 mm, Number of positions: 7, Color: green, Assembly: Soldering
1736069	MSTBW 2,5/ 7-G	Header, Nominal current: 12 A, Nom. voltage: 250 V, Pitch: 5 mm, Number of positions: 7, Color: green, Assembly: Soldering
1769285	SMSTB 2,5/ 7-G	Header, Nominal current: 12 A, Nom. voltage: 250 V, Pitch: 5 mm, Number of positions: 7, Color: green, Assembly: Soldering
1769858	SMSTBA 2,5/ 7-G	Header, Nominal current: 12 A, Nom. voltage: 250 V, Pitch: 5 mm, Number of positions: 7, Color: green, Assembly: Soldering

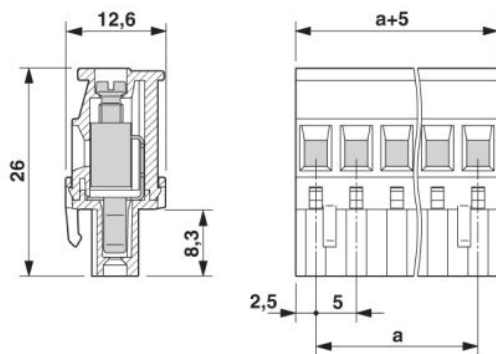
Diagrams/Drawings

Diagram



Type: MVSTBR 2,5/...-ST(5,08) with MSTBA 2,5/...-G(-5,08)

Dimensioned drawing



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