


MSTBP 2,5/10-ST

Order No.: 1765852

The figure shows a 10-position version of the product

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1765852>Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V,
Number of positions: 10, Pitch: 5 mm, Color: green, Metal surface: Sn

Commercial data

GTIN (EAN)	 4 017918 031886
sales group	E111
Pack	50 pcs.
Customs tariff	85366990
Catalog page information	Page 199 (CC-2009)

Product notes

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

<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	
Range of articles	MSTBP 2,5/...-ST
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
Nominal voltage, UL/CUL Use Group B	250 V
Nominal current, UL/CUL Use Group B	12 A
Nominal voltage, UL/CUL Use Group D	300 V
Nominal current, UL/CUL Use Group D	10 A
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
Minimum AWG according to UL/CUL	30
Maximum AWG according to UL/CUL	12

Certificates / Approvals



Certification

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

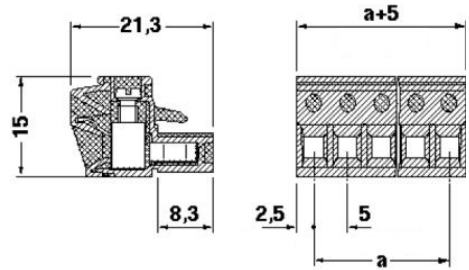
Additional products

Item	Designation	Description
General		
1899922	EMSTBA 2,5/10-G	Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 10, Pitch: 5 mm, Color: green, Metal surface: Sn, Assembly: Press-in
1914933	EMSTBVA 2,5/10-G	Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 10, Pitch: 5 mm, Color: green, Metal surface: Sn, Assembly: Press-in
1762774	MDSTB 2,5/10-G1	Header, Nominal current: 10 A, Rated voltage (III/2): 320 V, Number of positions: 10, Pitch: 5 mm, Color: green, Metal surface: Sn, Assembly: Soldering. In combination with MVSTB or FKCV plug components, both an MVSTBW (or FKCVW) and an MVSTBR plug (or FKCVR) must be used. Combination with TMSTBP plug components is not possible!

1846593	MDSTBA 2,5/10-G	Header, Nominal current: 10 A, Rated voltage (III/2): 320 V, Number of positions: 10, Pitch: 5 mm, Color: green, Metal surface: Sn, Assembly: Soldering, The article can be aligned to create different nos. of positions! In combination with MVSTB or FKCV plug components, both an MVSTBW (or FKCVW) and an MVSTBR plug (or FKCVR) must be used. Combination with TMSTBP plug components is not possible!
1762923	MDSTBV 2,5/10-G1	Header, Nominal current: 10 A, Rated voltage (III/2): 320 V, Number of positions: 10, Pitch: 5 mm, Color: green, Metal surface: Sn, Assembly: Soldering, In combination with MVSTB or FKCV plug components, both an MVSTBW (or FKCVW) and an MVSTBR plug (or FKCVR) must be used. Combination with TMSTBP plug components is not possible!
1845866	MDSTBVA 2,5/10-G	Header, Nominal current: 10 A, Rated voltage (III/2): 320 V, Number of positions: 10, Pitch: 5 mm, Color: green, Metal surface: Sn, Assembly: Soldering, The article can be aligned to create different nos. of positions! In combination with MVSTB or FKCV plug components, both an MVSTBW (or FKCVW) and an MVSTBR plug (or FKCVR) must be used. Combination with TMSTBP plug components is not possible!
1754591	MSTB 2,5/10-G	Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 10, Pitch: 5 mm, Color: green, Metal surface: Sn, Assembly: Soldering
1768260	MSTB 2,5/10-G-LA	Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 10, Pitch: 5 mm, Color: green, Metal surface: Sn, Assembly: Soldering
1757543	MSTBA 2,5/10-G	Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 10, Pitch: 5 mm, Color: green, Metal surface: Sn, Assembly: Soldering
1770562	MSTBA 2,5/10-G-LA	Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 10, Pitch: 5 mm, Color: green, Metal surface: Sn, Assembly: Soldering
1765085	MSTBHK 2,5/10-G	Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 10, Pitch: 5 mm, Color: green, Metal surface: Sn, Assembly: DIN rail
1753592	MSTBV 2,5/10-G	Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 10, Pitch: 5 mm, Color: green, Metal surface: Sn, Assembly: Soldering
1755503	MSTBVA 2,5/10-G	Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 10, Pitch: 5 mm, Color: green, Metal surface: Sn, Assembly: Soldering
1769311	SMSTB 2,5/10-G	Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 10, Pitch: 5 mm, Color: green, Metal surface: Sn, Assembly: Soldering
1769887	SMSTBA 2,5/10-G	Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 10, Pitch: 5 mm, Color: green, Metal surface: Sn, Assembly: Soldering
1765768	UMSTBHK 2,5/10-G	Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 10, Pitch: 5 mm, Color: green, Metal surface: Sn, Assembly: DIN rail

Diagrams/Drawings

Dimensioned drawing



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