

FRONT-MSTB 2,5/10-ST

Order No.: 1779495

The figure shows a 10-position version of the product

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1779495>

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	4017918040185
Pack	50 pcs.
Customs tariff	85366990
Weight/Piece	0.0295 KG
Catalog page information	Page 204 (CC-2009)

Product notes

WEEE/RoHS-compliant since:
07/11/2006



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Technical data

Dimensions / positions	
Pitch	5 mm
Dimension a	45 mm
Number of positions	10
Screw thread	M2,5

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
Insulating material	PA
Inflammability class acc. to UL 94	V0
Internal cylindrical gage	A3
Stripping length	10 mm

Connection data

Conductor cross section solid min.	0.34 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	22-12

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
Assembly		
1763058	FRONT-MSTB-EW	Removal aid, for FRONT-MSTB, facilitates extraction of several plugs mounted behind each other

Bridges

2303145	EBL 2- 5	Cross connector/bridge, Number of positions: 2, Color: gray
2303158	EBL 3- 5	Cross connector/bridge, Number of positions: 3, Color: gray
2303161	EBL 4- 5	Cross connector/bridge, Number of positions: 4, Color: gray
2303174	EBL 5- 5	Cross connector/bridge, Number of positions: 5, Color: gray
2303132	EBL 10- 5	Cross connector/bridge, Number of positions: 10, Color: gray

Marking

1051993	B-STIFT	Marker pen, for manual labeling of unprinted Zack strips, smear-proof and waterproof, line thickness 0.5 mm
0804183	SK 5/3,8:FORTL.ZAHLEN	Marker card, printed horizontally, self-adhesive, 12 identical decades marked 1-10, 11-20 etc. up to 91-(99)100, sufficient for 120 terminal blocks
0804183	SK 5/3,8:FORTL.ZAHLEN	Marker card, printed horizontally, self-adhesive, 12 identical decades marked 1-10, 11-20 etc. up to 91-(99)100, sufficient for 120 terminal blocks
0805072	SK 5/3,8:SO	Marker card, special printing, self-adhesive, labeled acc. to customer requirements, 12 identical marker strips per card, max. 25-position labeling per strip, color: white
0805409	SK 5/3,8:UNBEDRUCKT	Marker cards, unprinted, with pitch divisions, self-adhesive, 10-section marker strips, 12 strips per card, can be labeled with the M-PEN

Plug/Adapter

1734634	CP-MSTB	Keying profile, is inserted into the slot on the plug or inverted header, red insulating material
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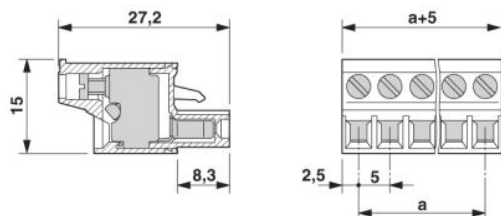
Additional products

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
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
1765768	UMSTBHK 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

Diagrams/Drawings

Dimensioned drawing



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