

MSTBU 2,5/ 8-STD-5,08

Order No.: 1824188

The figure shows a 10-position version of the product

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1824188>

Plug component, Nominal current: 12 A, Nom. voltage: 320 V,
Pitch: 5.08 mm, Number of positions: 8, Connection type: Screw
connection, Assembly: Direct mounting, Color: green

Commercial data	
EAN	4017918048983
Pack	50 pcs.
Customs tariff	85366990
Weight/Piece	0.01843 KG
Catalog page information	Page 288 (CC-2009)

Product notesWEEE/RoHS-compliant since:
01/01/2003

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Technical data

Dimensions / positions	
Pitch	5.08 mm
Dimension a	35.56 mm
Number of positions	8
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	320 V
Nominal cross section	2.5 mm ²
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
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 mm ²
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	12

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
General		
1733169	EBP 2- 5	Insertion bridge, fully insulated, for plug connectors with 5.0 or 5.08 mm pitch, no. of positions: 2

Marking

0804293	SK 5,08/3,8: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
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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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Tools

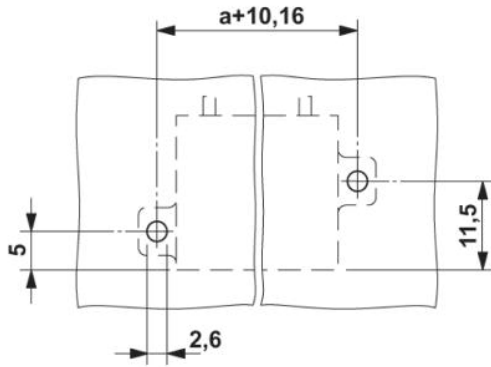
1205053	SZS 0,6X3,5	Screwdriver, bladed, matches all screw terminal blocks up to 4.0 mm ² connection cross section, blade: 0.6 x 3.5 mm, without VDE approval
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Additional products

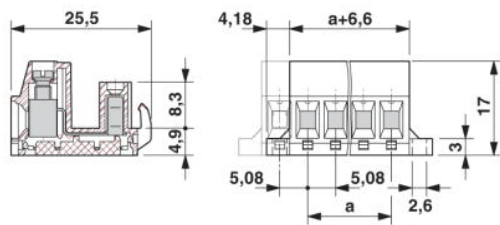
Item	Designation	Description
General		
1859577	EMSTBVA 2,5/ 8-G-5,08	Header, Nominal current: 12 A, Nom. voltage: 200 V, Pitch: 5.08 mm, Number of positions: 8, Color: green, Assembly: Press-in
1873414	FKIC 2,5/ 8-ST-5,08	Plug component, Nominal current: 12 A, Nom. voltage: 320 V, Pitch: 5.08 mm, Number of positions: 8, Connection type: Spring-cage conn., Color: green
1786239	IC 2,5/ 8-ST-5,08	Plug component, Nominal current: 12 A, Nom. voltage: 250 V, Pitch: 5.08 mm, Number of positions: 8, Connection type: Screw connection, Color: green
1823901	ICC 2,5/ 8-STZ-5,08	Plug component, Nominal current: 12 A, Nom. voltage: 250 V, Pitch: 5.08 mm, Number of positions: 8, Connection type: Crimp connection, Color: green
1759075	MSTB 2,5/ 8-G-5,08	Header, Nominal current: 12 A, Nom. voltage: 250 V, Pitch: 5.08 mm, Number of positions: 8, Color: green, Assembly: Soldering
1757307	MSTBA 2,5/ 8-G-5,08	Header, Nominal current: 12 A, Nom. voltage: 250 V, Pitch: 5.08 mm, Number of positions: 8, Color: green, Assembly: Soldering
1850495	MSTBO 2,5/ 8-GL-5,08	Header, Nominal current: 8 A, Nom. voltage: 250 V, Pitch: 5.08 mm, Number of positions: 8, Color: green, Assembly: Soldering
1847165	MSTBO 2,5/ 8-GR-5,08	Header, Nominal current: 8 A, Nom. voltage: 250 V, Pitch: 5.08 mm, Number of positions: 8, Color: green, Assembly: Soldering
1758076	MSTBV 2,5/ 8-G-5,08	Header, Nominal current: 12 A, Nom. voltage: 250 V, Pitch: 5.08 mm, Number of positions: 8, Color: green, Assembly: Soldering
1755794	MSTBVA 2,5/ 8-G-5,08	Header, Nominal current: 12 A, Nom. voltage: 250 V, Pitch: 5.08 mm, Number of positions: 8, Color: green, Assembly: Soldering

Diagrams/Drawings

Drilling plan/solder pad geometry



Dimensioned drawing



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