

MSTB 2,5/ 5-STF

Order No.: 1786860



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Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 5, Pitch: 5 mm, Color: green, Metal surface: Sn

Commercial data

GTIN (EAN)	 4 017918 042820
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



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Technical data

Dimensions / positions

Pitch	5 mm
Dimension a	20 mm
Number of positions	5
Screw thread	M3
Tightening torque, min	0.5 Nm

Tightening torque max	0.6 Nm
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Technical data

Range of articles	MSTB 2,5/..-STF
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, GL, GOST, RS, UL, VDE-PZI

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

Tools

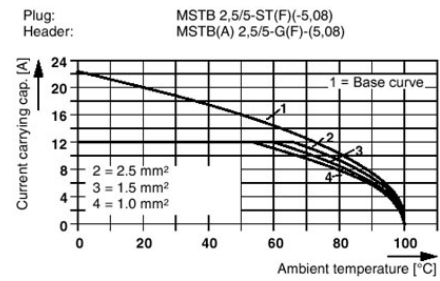
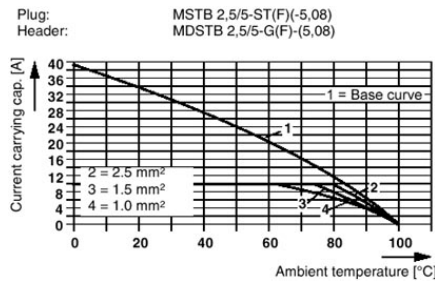
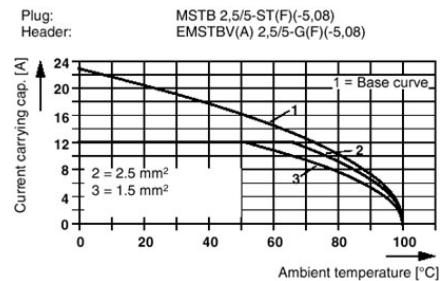
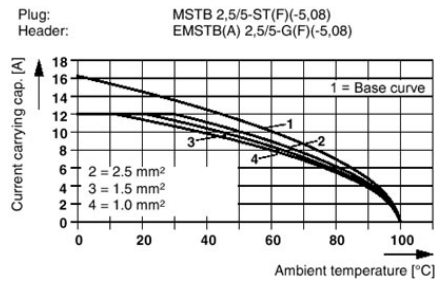
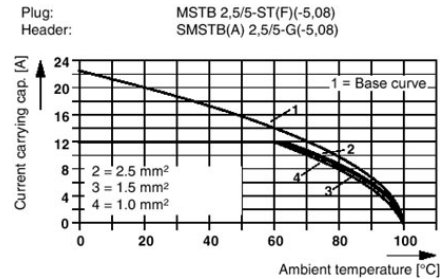
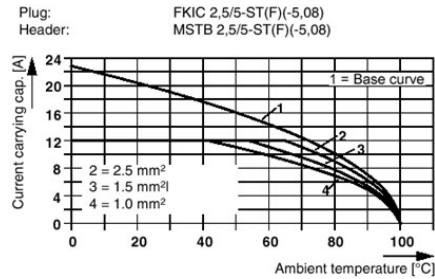
1205053	SZS 0,6X3,5	Actuation tool, for ST terminal blocks, insulated, also suitable for use as a bladed screwdriver, size: 0.6 x 3.5 x 100 mm, 2-component grip, with non-slip grip
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Additional products

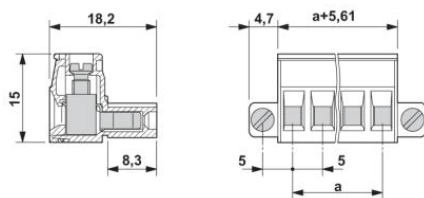
Item	Designation	Description
General		
0710057	DFK-MSTB 2,5/ 5-GF	Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 5, Pitch: 5 mm, Color: green, Metal surface: Sn, Assembly: Direct mounting
1900109	EMSTB 2,5/ 5-GF	Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 5, Pitch: 5 mm, Color: green, Metal surface: Sn, Assembly: Press-in
1914084	EMSTBV 2,5/ 5-GF	Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 5, Pitch: 5 mm, Color: green, Metal surface: Sn, Assembly: Press-in
1846726	MDSTB 2,5/ 5-GF	Header, Nominal current: 10 A, Rated voltage (III/2): 320 V, Number of positions: 5, 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!
1846111	MDSTBV 2,5/ 5-GF	Header, Nominal current: 10 A, Rated voltage (III/2): 320 V, Number of positions: 5, 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!
1776728	MSTB 2,5/ 5-GF	Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 5, Pitch: 5 mm, Color: green, Metal surface: Sn, Assembly: Soldering
1776919	MSTBV 2,5/ 5-GF	Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 5, Pitch: 5 mm, Color: green, Metal surface: Sn, Assembly: Soldering

Diagrams/Drawings

Diagram



Dimensioned drawing



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