

MSTBT 2,5/ 3-ST BK


Order No.: 1914836

The figure shows a 10-position version of the product

<http://catalog.phoenixcontact.net/phoenix/treeViewClick.do?UID=1914836>

Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 3, Pitch: 5 mm, Connection method: Screw connection, Color: black, Contact surface: Tin

Commercial data

EAN	 4 017918 459505
sales group	E111
Pack	50 Pcs.
Customs tariff	85366990
Gross weight in pieces	0.005343 KG
Net weight per piece	0.004985 KG

Product notes

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



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Technical data

Dimensions

Pitch	5 mm
Dimension a	10 mm

General

Range of articles	MSTBT 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/3)	250 V
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 cross section	2.5 mm ²
Maximum load current	12 A (with 2.5 mm ² conductor cross section)
Insulating material	PA
Inflammability class according to UL 94	V2
Internal cylindrical gage	A3
Stripping length	7 mm
Number of positions	3
Screw thread	M3
Tightening torque, min	0.5 Nm
Tightening torque max	0.6 Nm

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.	1.5 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

CSA, cULus Recognized, VDE Gutachten mit Fertigungsüberwachung, CCA, IECCE CB Scheme

Certifications applied for:

Certification Ex:

Accessories

Item	Designation	Description
Bridges		
1733172	EBP 3- 5	Insertion bridge, fully insulated, for connectors with 5.0 or 5.08 mm pitch, no. of positions: 3
Connector/Adapter		
1734634	CP-MSTB	Coding profile, is inserted into the slot on the plug or inverted header, red insulating material

General

1733169	EBP 2- 5	Insertion bridge, fully insulated, for connectors with 5.0 or 5.08 mm pitch, no. of positions: 2
1803947	KGG-MSTB 2,5/ 3	Cable housing, Pitch: 0 mm, Number of positions: 3, Dimension a: 15 mm, Color: green
1962008	KGG-MSTB 2,5/ 3 BK	Cable housing, Pitch: 0 mm, Number of positions: 3, Dimension a: 15 mm, Color: black

Marking

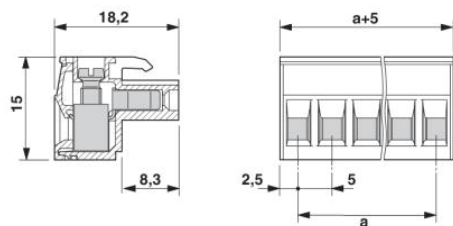
0804183	SK 5/3,8:FORTL.ZAHLEN	Marker cards, Card, white, labeled, Horizontal: Consecutive numbers 1 - 10, 11 - 20, etc. up to 91 - (99)100, Mounting type: Adhesive, for terminal block width: 5 mm, Lettering field: 5 x 3.8 mm
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Tools

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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Drawings

Dimensioned drawing



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