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Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 11, Pitch: 5 mm, Connection method: Screw connection, Color: green, Contact surface: Tin



The figure shows a 10-position version of the product

Product Features

- The cable connection area for MSTBT 2,5/... is positioned lower than that of MSTB 2,5/...
- ☑ Plug-in direction parallel to the conductor axis



Key commercial data

Packing unit	1 PCE
GTIN	4 017918 040611
Custom tariff number	85366990
Country of origin	GERMANY

Technical data

Dimensions

Pitch	5 mm
Dimension a	50 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



Technical data

General

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 mm² conductor cross section)
Insulating material	PA
Inflammability class according to UL 94	V0
Internal cylindrical gage	A3
Stripping length	7 mm
Number of positions	11
Screw thread	M3
Tightening torque, min	0.5 Nm
Tightening torque max	0.6 Nm

Connection data

Conductor cross section solid min.	0.2 mm²
Conductor cross section solid max.	2.5 mm²
Conductor cross section stranded min.	0.2 mm²
Conductor cross section stranded max.	2.5 mm²
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.25 mm²
Conductor cross section stranded, with ferrule without plastic sleeve max.	2.5 mm²
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.25 mm²
Conductor cross section stranded, with ferrule with plastic sleeve max.	1.5 mm²
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	12
2 conductors with same cross section, solid min.	0.2 mm²
2 conductors with same cross section, solid max.	1 mm²
2 conductors with same cross section, stranded min.	0.2 mm²
2 conductors with same cross section, stranded max.	1.5 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.25 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	1 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	1.5 mm²
Minimum AWG according to UL/CUL	30



Technical data

Connection data

Maximum AWG according to UL/CUL	12

Classifications

eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27260701
eCl@ss 5.0	27260701
eCl@ss 5.1	27260701
eCl@ss 6.0	27260704
eCl@ss 7.0	27440402
eCl@ss 8.0	27440402

ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002638
ETIM 5.0	EC002638

UNSPSC

UNSPSC 6.01	30211810
UNSPSC 7.0901	39121409
UNSPSC 11	39121409
UNSPSC 12.01	39121409
UNSPSC 13.2	39121409

Approvals

Approvals

Approvals

CSA / VDE Gutachten mit Fertigungsüberwachung / GOST / IECEE CB Scheme / GOST / UL Recognized / CUL Recognized / CCA / cULus Recognized

Ex Approvals

Approvals submitted



Approvals

Approval details

CSA ①		
	В	D
mm²/AWG/kcmil	28-12	28-12
Nominal current IN	10 A	10 A
Nominal voltage UN	300 V	300 V

VDE Gutachten mit Fertigungsüberwachung	
mm²/AWG/kcmil	0.2-2.5
Nominal current IN	12 A
Nominal voltage UN	250 V

⊙ 3-	
GOST	

IECEE CB Scheme CB	
mm²/AWG/kcmil	0.2-2.5
Nominal current IN	12 A
Nominal voltage UN	250 V

GOST 🚭	

UL Recognized \$\)		
	В	D
mm²/AWG/kcmil	30-12	30-12



Approvals

	В	D
Nominal current IN	15 A	10 A
Nominal voltage UN	300 V	300 V

cUL Recognized		
	В	D
mm²/AWG/kcmil	30-12	30-12
Nominal current IN	15 A	10 A
Nominal voltage UN	300 V	300 V

CCA	
mm²/AWG/kcmil	0.2-2.5
Nominal current IN	12 A
Nominal voltage UN	250 V

cULus Recognized • Aus

Accessories

Accessories

Marking

Marker cards - SK 5/3,8:FORTL.ZAHLEN - 0804183



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

Plug/Adapter



Accessories

Coding profile - CP-MSTB - 1734634



Coding profile, is inserted into the slot on the plug or inverted header, red insulating material

Tools

Screwdriver - SZS 0,6X3,5 - 1205053



Actuation tool, for ST terminal blocks, insulated, also suitable for use as a bladed screwdriver, size: $0.6 \times 3.5 \times 100$ mm, 2-component grip, with non-slip grip

Cable housing - KGG-MSTB 2,5/ 2 - 1803934



Cable housing, Pitch: 0 mm, Number of positions: 2, Dimension a: 10 mm, Color: green

Cable housing - KGS-MSTB 2,5/8 - 1783779



Cable housing, Pitch: 0 mm, Number of positions: 8, Dimension a: 40 mm, Color: green

Insertion bridge - EBP 2- 5 - 1733169



Insertion bridge, fully insulated, for connectors with 5.0 or 5.08 mm pitch, no. of positions: 2



Accessories

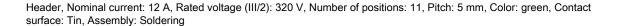
Additional products

Base strip - DFK-MSTB 2,5/11-G - 0707183



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 11, Pitch: 5 mm, Connection method: Solder/Slip-on connection, Color: green, Contact surface: Tin, Assembly: Direct mounting, Accessory order no. 5030172 can only be used in conjunction with MSTB 2,5/...ST and MSTBT 2,5/...ST.

Base strip - MSTBW 2,5/11-G - 1736027





Base strip - MSTBVA 2,5/11-G - 1755590



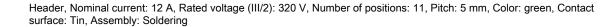
Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 11, Pitch: 5 mm, Color: green, Contact surface: Tin, Assembly: Soldering

Base strip - MSTBV 2,5/11-G - 1753615



Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 11, Pitch: 5 mm, Color: green, Contact surface: Tin, Assembly: Soldering

Base strip - MSTB 2,5/11-G - 1754614







Accessories

Base strip - MDSTBVA 2,5/11-G - 1845879



Header, Nominal current: 10 A, Rated voltage (III/2): 320 V, Number of positions: 11, Pitch: 5 mm, Color: green, Contact surface: Tin, 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!

Base strip - MDSTBA 2,5/11-G - 1846603



Header, Nominal current: 10 A, Rated voltage (III/2): 320 V, Number of positions: 11, Pitch: 5 mm, Color: green, Contact surface: Tin, 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!

Base strip - EMSTBA 2,5/11-G - 1899935

Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 11, Pitch: 5 mm, Color: green, Contact surface: Tin, Assembly: Press-in



Base strip - EMSTBVA 2,5/11-G - 1914946



Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 11, Pitch: 5 mm, Color: green, Contact surface: Tin, Assembly: Press-in

Base strip - MSTBA 2,5/11-G-LA - 1770575



Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 11, Pitch: 5 mm, Color: green, Contact surface: Tin, Assembly: Soldering



Accessories

Base strip - MSTBA 2,5/11-G - 1757556

Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 11, Pitch: 5 mm, Color: green, Contact surface: Tin, Assembly: Soldering



Base strip - MSTB 2,5/11-G-LA - 1768273



Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 11, Pitch: 5 mm, Color: green, Contact surface: Tin, Assembly: Soldering

Base strip - MDSTBV 2,5/11-G1 - 1762936



Header, Nominal current: 10 A, Rated voltage (III/2): 320 V, Number of positions: 11, Pitch: 5 mm, Color: green, Contact surface: Tin, 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!

Base strip - MDSTB 2,5/11-G1 - 1762787



Header, Nominal current: 10 A, Rated voltage (III/2): 320 V, Number of positions: 11, Pitch: 5 mm, Color: green, Contact surface: Tin, 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!

Base strip - SMSTBA 2,5/11-G - 1769890

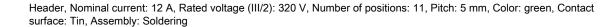


Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 11, Pitch: 5 mm, Color: green, Contact surface: Tin, Assembly: Soldering



Accessories

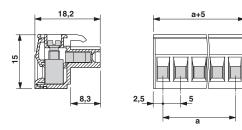
Base strip - SMSTB 2,5/11-G - 1769324





Drawings

Dimensioned drawing



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