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



Key Commercial Data

Packing unit	1 pc
Weight per Piece (excluding packing)	5.31 g
Custom tariff number	85366990
Country of origin	United States

Technical data

Dimensions

Pitch	5.00 mm
Dimension a	10 mm

General

Range of articles	MSTB 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 mm²	
Maximum load current	12 A (with a 2.5 mm² conductor cross section)	
Insulating material	PA	
Flammability rating according to UL 94	V0	
Internal cylindrical gage	A3	
Stripping length	7 mm	



Technical data

General

Number of positions	3
Screw thread	M3
Tightening torque, min	0.5 Nm
Tightening torque max	0.6 Nm

Connection data

0.2 mm ²
2.5 mm ²
0.2 mm²
2.5 mm²
0.25 mm²
2.5 mm²
0.25 mm²
2.5 mm²
24
12
0.2 mm ²
1 mm²
0.2 mm ²
1.5 mm ²
0.25 mm²
1 mm²
0.5 mm²
1.5 mm ²
30
12

Standards and Regulations

Connection in acc. with standard	EN-VDE
	CSA
Flammability rating according to UL 94	V0

Classifications

eCl@ss

eCl	@ss 4.0	272607xx



Classifications

eCl@ss

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	27440309
eCl@ss 9.0	27440309

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 / IECEE CB Scheme / EAC / cULus Recognized / EAC

Ex Approvals

Approvals submitted

Approval details





Approvals

VDE Gutachten mit Fertigungsüberwachung

IECEE CB Scheme CB

EAC

cULus Recognized		
B D		
mm²/AWG/kcmil	30-12	30-12
Nominal current IN	15 A	15 A
Nominal voltage UN	300 V	150 V

EAC

Accessories

Accessories

Bridge

Insertion bridge - EBP 2- 5 - 1733169



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

Cable housing

Cable housing - KGG-MSTB 2,5/ 3 - 1803947



Cable housing, Pitch: 0 mm, Number of positions: 3, Dimension a: 15 mm, Color: green



Accessories

Coding element

Coding profile - CP-MSTB - 1734634



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

Labeled terminal marker

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



Marker card, 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

Screwdriver 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 x 3.5 x 100 mm, 2-component grip, with non-slip grip

Additional products

Base strip - DFK-MSTB 2,5/ 3-G - 0707112

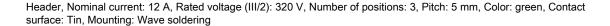


Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 3, Pitch: 5 mm, Connection method: Solder/Slip-on connection, Color: green, Contact surface: Tin, Mounting: Direct mounting, Accessory order no. 5030172 can only be used in conjunction with MSTB 2,5/...ST and MSTBT 2,5/...ST.



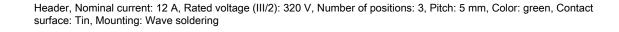
Accessories

Base strip - MSTBW 2,5/ 3-G - 1736108



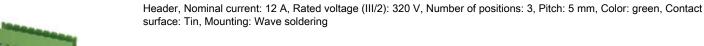


Base strip - MSTBVA 2,5/ 3-G - 1755529



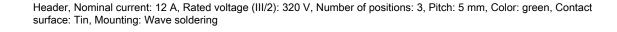


Base strip - MSTBV 2,5/ 3-G - 1753453





Base strip - MSTB 2,5/ 3-G - 1754452





Base strip - MDSTBVA 2,5/ 3-G - 1845798



Header, Nominal current: 10 A, Rated voltage (III/2): 320 V, Number of positions: 3, Pitch: 5 mm, Color: green, Contact surface: Tin, Mounting: Wave 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!



Accessories

Base strip - MDSTBA 2,5/ 3-G - 1846522



Header, Nominal current: 10 A, Rated voltage (III/2): 320 V, Number of positions: 3, Pitch: 5 mm, Color: green, Contact surface: Tin, Mounting: Wave 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/ 3-G - 1899854

Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 3, Pitch: 5 mm, Color: green, Contact surface: Tin, Mounting: Press-in technology



Base strip - EMSTBVA 2,5/ 3-G - 1914865



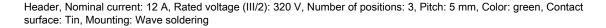
Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 3, Pitch: 5 mm, Color: green, Contact surface: Tin, Mounting: Press-in technology

Base strip - MSTBA 2,5/ 3-G-LA - 1770494



Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 3, Pitch: 5 mm, Color: green, Contact surface: Tin, Mounting: Wave soldering

Base strip - MSTBA 2,5/ 3-G - 1757488







Accessories

Base strip - MSTB 2,5/ 3-G-LA - 1768192



Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 3, Pitch: 5 mm, Color: green, Contact surface: Tin, Mounting: Wave soldering

Base strip - MDSTBW 2,5/ 3-G - 1802427



Header, Nominal current: 10 A, Rated voltage (III/2): 320 V, Number of positions: 3, Pitch: 5 mm, Color: green, Contact surface: Tin, Mounting: Wave 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 - MDSTBV 2,5/ 3-G - 1763045



Header, Nominal current: 10 A, Rated voltage (III/2): 320 V, Number of positions: 3, Pitch: 5 mm, Color: green, Contact surface: Tin, Mounting: Wave soldering, Can be aligned! Mounting flange: Order No. 1836477, 1836480. 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 - MDSTBV 2,5/ 3-G1 - 1736726



Header, Nominal current: 10 A, Rated voltage (III/2): 320 V, Number of positions: 3, Pitch: 5 mm, Color: green, Contact surface: Tin, Mounting: Wave 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/ 3-G - 1762059



Header, Nominal current: 10 A, Rated voltage (III/2): 320 V, Number of positions: 3, Pitch: 5 mm, Color: green, Contact surface: Tin, Mounting: Wave soldering, Can be aligned! Mounting flange: Order no. 1736771, 1736768. In combination with MVSTB or FKCV plugs, both an MVSTBW (or FKCVW) and an MVSTBR plug (or FKCVR) must be used. Combination with TMSTBP plugs is not possible!



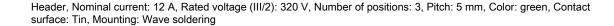
Accessories

Base strip - MDSTB 2,5/ 3-G1 - 1736687



Header, Nominal current: 10 A, Rated voltage (III/2): 320 V, Number of positions: 3, Pitch: 5 mm, Color: green, Contact surface: Tin, Mounting: Wave 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/ 3-G - 1769816





Base strip - SMSTB 2,5/ 3-G - 1769243

Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 3, Pitch: 5 mm, Color: green, Contact surface: Tin, Mounting: Wave soldering



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