

Printed-circuit board connector - MVSTBR 2,5 HC/ 6-ST - 1912333

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Plug component, Nominal current: 16 A, Rated voltage (III/2): 320 V, Number of positions: 6, Pitch: 5 mm, Connection method: Screw connection, Color: green, Contact surface: Tin



The figure shows a 10-position version of the product

Product Features

- ✓ HC plugs may only be used with HC base strips
- ✓ 16 A plugs with vertical connection direction and screw connection



Key commercial data

Packing unit	1 pc
Minimum order quantity	50 pc
Weight per Piece (excluding packing)	13.17 GRM
Custom tariff number	85366990
Country of origin	Germany

Technical data

Dimensions

Pitch	5 mm
Dimension a	25 mm

General

Range of articles	MVSTBR 2,5 HC/...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

Printed-circuit board connector - MVSTBR 2,5 HC/ 6-ST - 1912333

Technical data

General

Rated voltage (II/2)	630 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	16 A (see derating curve)
Nominal cross section	2.5 mm ²
Maximum load current	16 A
Insulating material	PA
Inflammability class according to UL 94	V0
Internal cylindrical gage	A3
Stripping length	7 mm
Number of positions	6
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.	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

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Technical data

Connection data

Maximum AWG according to UL/CUL	12
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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

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UL Recognized / VDE Gutachten mit Fertigungsüberwachung / cUL Recognized / GOST / IECCEB Scheme / GOST / CCA / cULus Recognized

Ex Approvals

Approvals submitted

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Approvals

Approval details

UL Recognized 		
	B	D
mm²/AWG/kcmil	30-12	30-12
Nominal current I _N	16 A	10 A
Nominal voltage U _N	300 V	300 V

VDE Gutachten mit Fertigungsüberwachung 	
mm²/AWG/kcmil	0.2-2.5
Nominal current I _N	16 A
Nominal voltage U _N	250 V

cUL Recognized 		
	B	D
mm²/AWG/kcmil	30-12	30-12
Nominal current I _N	16 A	10 A
Nominal voltage U _N	300 V	300 V

GOST 	
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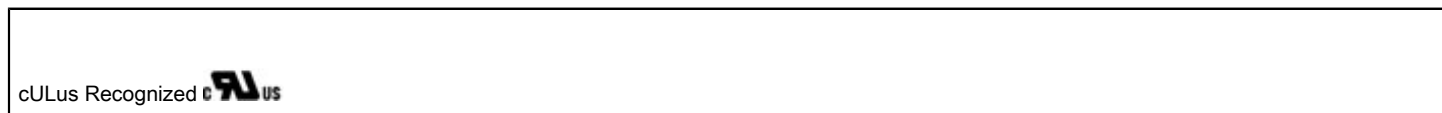
IECEE CB Scheme 	
mm²/AWG/kcmil	0.2-2.5
Nominal current I _N	16 A
Nominal voltage U _N	250 V

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Approvals



CCA	
mm²/AWG/kcmil	0.2-2.5
Nominal current I _N	16 A
Nominal voltage U _N	250 V



Accessories

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 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, Lettering field: 5 x 3.8 mm

Screwdriver tools

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Accessories

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

Terminal marking

Marker cards - SK U/3,8 WH:UNBEDRUCKT - 0803906



Marker cards, Sheet, white, Unlabeled, Can be labeled with: Plotter, Office printing systems, Mounting type: Adhesive, Lettering field: 186 x 3.8 mm

Marker cards - SK 5/3,8:UNBEDRUCKT - 0805409



Marker cards, Card, white, Unlabeled, Can be labeled with: Marker pen, Mounting type: Adhesive, For terminal block width: 5 mm, Lettering field: 5 x 3.8 mm

Additional products

Base strip - MSTBA 2,5 HC/ 6-G - 1923791



Header, Nominal current: 16 A, Rated voltage (III/2): 320 V, Number of positions: 6, Pitch: 5 mm, Color: green, Contact surface: Tin, Assembly: Soldering

Base strip - MSTBVA 2,5 HC/ 6-G - 1924237



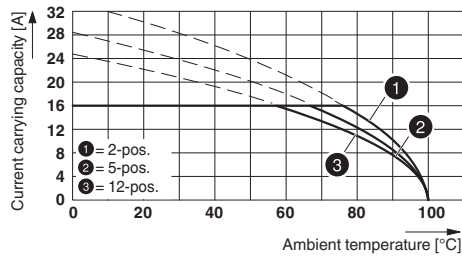
Header, Nominal current: 16 A, Rated voltage (III/2): 320 V, Number of positions: 6, Pitch: 5 mm, Color: green, Contact surface: Tin, Assembly: Soldering

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Accessories

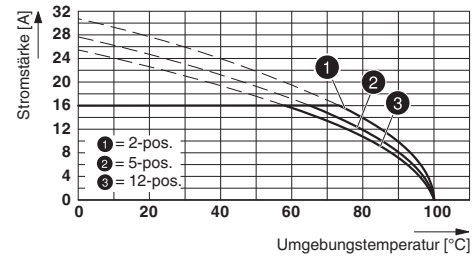
Drawings

Diagram



Type: MVSTBR 2,5 HC/...-ST with MSTBVA 2,5 HC/...-G

Diagram



Type: MVSTBR 2,5 HC/...-ST with MSTBA 2,5 HC/...-G

Dimensioned drawing

