

Base strip - MSTBA 2,5 HC/ 5-G-5,08 - 1923898

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Header, Nominal current: 16 A, Rated voltage (III/2): 320 V, Number of positions: 5, Pitch: 5.08 mm, Color: green, Contact surface: Tin, Mounting: Soldering



The figure shows a 10-position version of the product

Product Features

- ✓ 16 A (HC) headers in horizontal and vertical (MSTBV) versions
- ✓ Lateral HC marking („High Current“)
- ✓ Coding sections (CR) as protection against mismatching
- ✓ Lateral mismatching prevented by side panels
- ✓ Vibration-resistant connection by means of threaded flange (-GF)



Key Commercial Data

Packing unit	50 pc
GTIN	 4 017918 599867
Weight per Piece (excluding packing)	1.795 g
Custom tariff number	85366990
Country of origin	Germany

Technical data

Dimensions

Length	12 mm
Pitch	5.08 mm
Dimension a	20.32 mm
Constructional height	9 mm
Length of the solder pin	3.5 mm
Pin dimensions	1 x 1 mm
Pin spacing	5.00 mm
Hole diameter	1.4 mm

General

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Technical data

General

Range of articles	MSTBA 2,5 HC/...-G
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)	400 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	16 A (see derating curve)
Maximum load current	16 A
Insulating material	PA
Flammability rating according to UL 94	V0
Color	green
Number of positions	5

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	EC002637
ETIM 5.0	EC002637

UNSPSC

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

Approvals

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Approvals

Approvals

UL Recognized / VDE Gutachten mit Fertigungsüberwachung / cUL Recognized / IEC EE CB Scheme / CCA / EAC / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

UL Recognized 		
	B	D
Nominal current I _N	16 A	10 A
Nominal voltage U _N	300 V	300 V

VDE Gutachten mit Fertigungsüberwachung 	
Nominal current I _N	16 A
Nominal voltage U _N	250 V

cUL Recognized 		
	B	D
Nominal current I _N	16 A	15 A
Nominal voltage U _N	300 V	150 V

IECEE CB Scheme 	
Nominal current I _N	16 A
Nominal voltage U _N	250 V

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Approvals

CCA	
Nominal current I _N	16 A
Nominal voltage U _N	250 V

EAC

cULus Recognized 
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Accessories

Accessories

Coding element

Coding star - CR-MSTB - 1734401



Coding section, inserted into the recess in the header or the inverted plug, red insulating material

Filler plug

Accessories - MSTB-BL - 1755477



Keying cap, for forming sections, plugs onto header pin, green insulating material

Labeled terminal marker

Marker card - SK 5,08/3,8:FORTL.ZAHLEN - 0804293



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: 5.08 mm, Lettering field: 5.08 x 3.8 mm

Additional products

Base strip - MSTBA 2,5 HC/ 5-G-5,08 - 1923898

Accessories

Printed-circuit board connector - MVSTBW 2,5 HC/ 5-ST-5,08 - 1912870



Plug component, Nominal current: 16 A, Rated voltage (III/2): 320 V, Number of positions: 5, Pitch: 5.08 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

Printed-circuit board connector - MSTB 2,5 HC/ 5-ST-5,08 - 1911994



Plug component, Nominal current: 16 A, Rated voltage (III/2): 320 V, Number of positions: 5, Pitch: 5.08 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

Printed-circuit board connector - MVSTBR 2,5 HC/ 5-ST-5,08 - 1912430



Plug component, Nominal current: 16 A, Rated voltage (III/2): 320 V, Number of positions: 5, Pitch: 5.08 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

Printed-circuit board connector - FKC 2,5 HC/ 5-ST-5,08 - 1942400



Plug component, Nominal current: 16 A, Rated voltage (III/2): 320 V, Number of positions: 5, Pitch: 5.08 mm, Connection method: Push-in spring connection, Color: green, Contact surface: Tin

Base strip - IC 2,5 HC/ 5-G-5,08 - 1943331



Header, Nominal current: 16 A, Rated voltage (III/2): 320 V, Number of positions: 5, Pitch: 5.08 mm, Color: green, Contact surface: Tin, Mounting: Soldering, COMBICON connectors may only be activated under no load conditions. If for operating reasons small loads must be switched, experimental values are available upon request.

Base strip - MSTBA 2,5 HC/ 5-G-5,08 - 1923898

Accessories

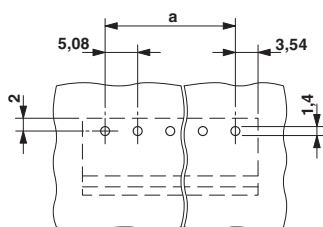
Base strip - ICV 2,5 HC/ 5-G-5,08 - 1943564



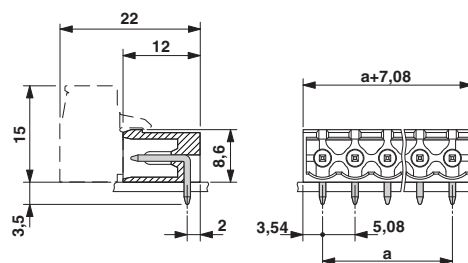
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Drawings

Drilling diagram



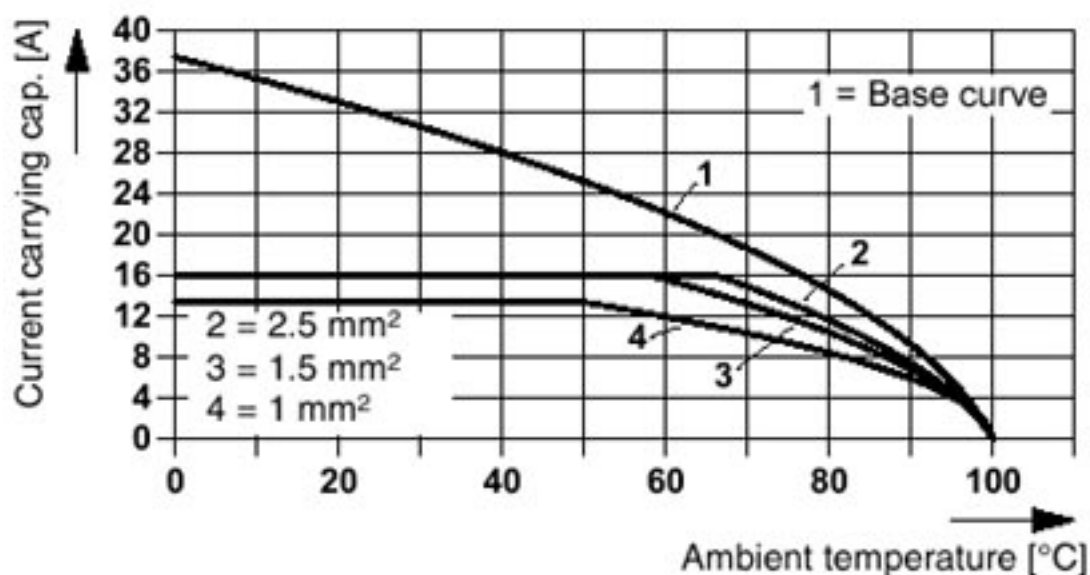
Dimensional drawing



Diagram

Plug:
Header:

MSTB 2,5 HC/5-ST(F)-(5,08)
MSTB(V)(A) 2,5 HC/5-G(F)-5,08



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Diagram

