

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

Approvals

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

Approvals

Approvals

UL Recognized / VDE Gutachten mit Fertigungsüberwachung / cUL Recognized / IEC60335-1 / CCA / EAC / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

UL Recognized		
	B	D
Nominal current IN	16 A	10 A
Nominal voltage UN	300 V	300 V

VDE Gutachten mit Fertigungsüberwachung	
Nominal current IN	16 A
Nominal voltage UN	250 V

cUL Recognized		
	B	D
Nominal current IN	16 A	15 A
Nominal voltage UN	300 V	150 V


IECEE CB Scheme	
Nominal current IN	16 A
Nominal voltage UN	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

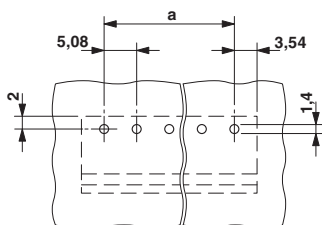
Base strip - ICV 2,5 HC/ 5-G-5,08 - 1943564



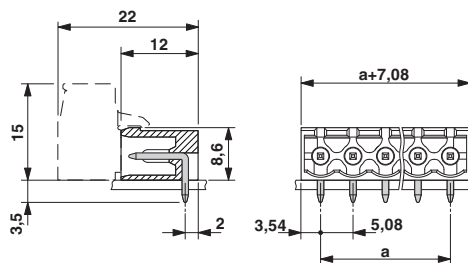
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Drawings

Drilling diagram



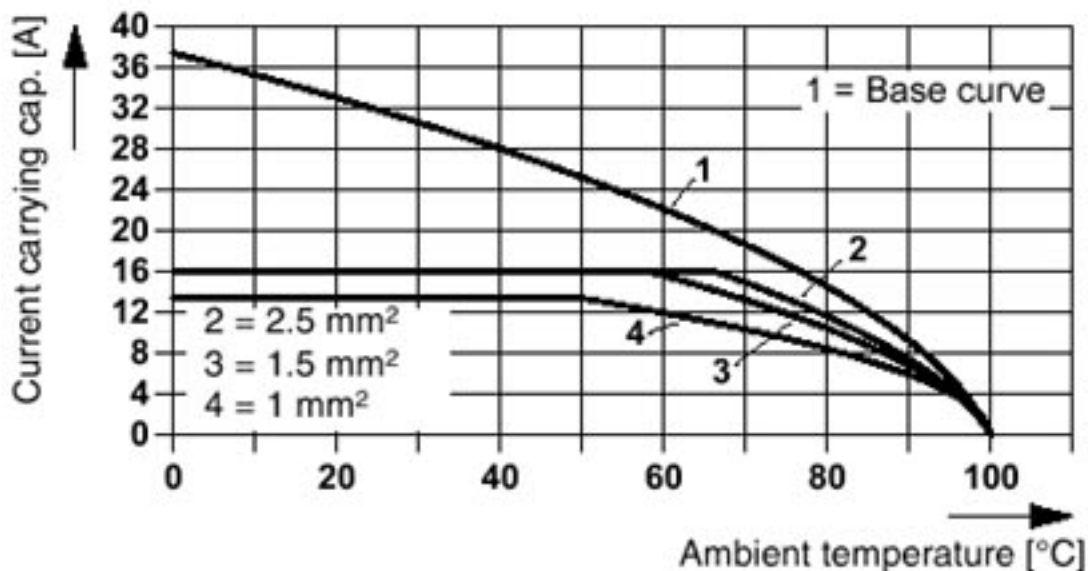
Dimensional drawing



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

