

Base strip - MSTBV 2,5 HC/ 7-GF - 1924460

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)

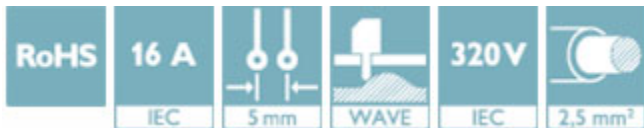
Header, nominal current: 16 A, rated voltage (III/2): 320 V, number of positions: 7, pitch: 5 mm, color: green, contact surface: Tin, mounting: Wave soldering




The figure shows a 10-position version of the product

Why buy this product

- ✓ Well-known mounting principle allows worldwide use
- ✓ Screwable flange for superior mechanical stability
- ✓ Maximum flexibility when it comes to device design – one header for connectors with different connection technologies



Key Commercial Data

Packing unit	1 STK
Minimum order quantity	50 STK
GTIN	 4 017918 607654
GTIN	4017918607654
Weight per Piece (excluding packing)	3.860 g
Custom tariff number	85366930
Country of origin	Germany

Technical data

Dimensions

Length [l]	8.6 mm
Pitch	5 mm
Dimension a	30 mm
Width [w]	45 mm

Base strip - MSTBV 2,5 HC/ 7-GF - 1924460

Technical data

Dimensions

Constructional height	12 mm
Height [h]	15.9 mm
Length of the solder pin	3.9 mm
Pin dimensions	1 x 1 mm
Pin spacing	5.00 mm
Hole diameter	1.4 mm

General

Range of articles	MSTBV 2,5 HC/...-GF
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	7

Standards and Regulations

Connection in acc. with standard	EN-VDE
	CUL
Flammability rating according to UL 94	V0
Note	In accordance with IEC 61984, COMBICON connectors have no switching power (COC). During designated use, they must not be plugged in or disconnected when carrying voltage or under load.

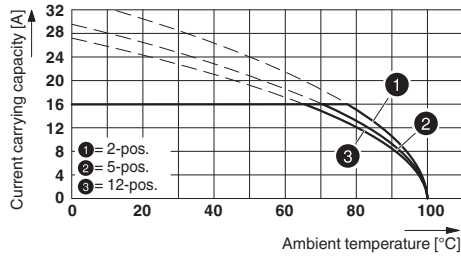
Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

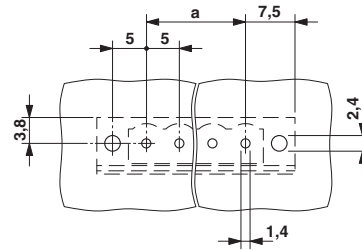
Drawings

Base strip - MSTBV 2,5 HC/ 7-GF - 1924460

Diagram

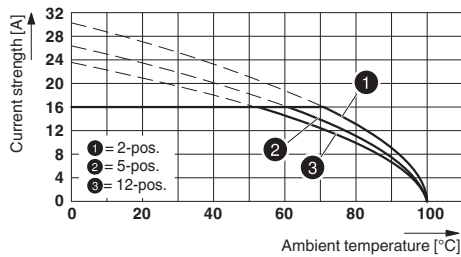


Drilling diagram

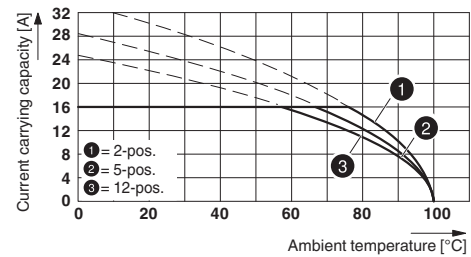


Type: MSTB 2,5 HC/...STF with MSTBV 2,5 HC/...GF

Diagram



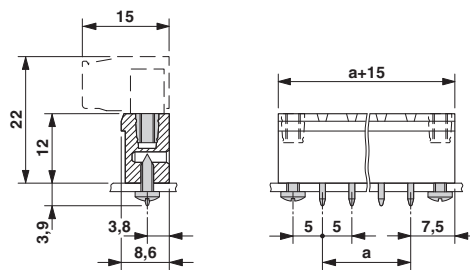
Diagram



Type: FKC 2,5 HC/...STF with MSTBV 2,5 HC/...GF

Type: MVSTBR 2,5 HC/...STF with MSTBV 2,5 HC/...GF

Dimensional drawing



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

Base strip - MSTBV 2,5 HC/ 7-GF - 1924460

Classifications

eCl@ss

eCl@ss 8.0	27440402
eCl@ss 9.0	27440402

ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002637
ETIM 5.0	EC002637
ETIM 6.0	EC002637

UNSPSC

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

Approvals


Approvals

Approvals

VDE Gutachten mit Fertigungsüberwachung / IECCEB Scheme / cULus Recognized / EAC


Ex Approvals


Approval details


VDE Gutachten mit Fertigungsüberwachung		http://www.vde.com/en/Institute/OnlineService/ VDE-approved-products/Pages/Online-Search.aspx	40004701
Nominal current IN	16 A		
Nominal voltage UN	250 V		

Base strip - MSTBV 2,5 HC/ 7-GF - 1924460

Approvals

IECEE CB Scheme		http://www.iecee.org/	DE1-58978-B1B2
Nominal current IN		16 A	
Nominal voltage UN		250 V	

cULus Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E60425-19931011
	B	D	
Nominal current IN	16 A	10 A	
Nominal voltage UN	300 V	300 V	

EAC		B.01742
-----	--	---------

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

Base strip - MSTBV 2,5 HC/ 7-GF - 1924460

Accessories

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 size: 5 x 3.8 mm

Additional products

Printed-circuit board connector - MSTB 2,5 HC/ 7-STF - 1912126



Plug component, nominal current: 16 A, rated voltage (III/2): 320 V, number of positions: 7, pitch: 5 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin

Printed-circuit board connector - MVSTBR 2,5 HC/ 7-STF - 1912566



Plug component, nominal current: 16 A, rated voltage (III/2): 320 V, number of positions: 7, pitch: 5 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin

Printed-circuit board connector - MVSTBW 2,5 HC/ 7-STF - 1913002



Plug component, nominal current: 16 A, rated voltage (III/2): 320 V, number of positions: 7, pitch: 5 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin

Printed-circuit board connector - FKC 2,5 HC/ 7-STF - 1942316



Plug component, nominal current: 16 A, rated voltage (III/2): 320 V, number of positions: 7, pitch: 5 mm, connection method: Push-in spring connection, color: green, contact surface: Tin, 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 - MSTBV 2,5 HC/ 7-GF - 1924460

Accessories

Phoenix Contact 2018 © - all rights reserved
<http://www.phoenixcontact.com>