

## Base strip - MSTBV 2,5/14-GF-5,08 - 1777196

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://download.phoenixcontact.com>)

Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 14, Pitch: 5.08 mm, Color: green, Contact surface: Tin, Assembly: Soldering




The figure shows a 10-position version of the product

### Why buy this product

- Versions with threaded flange
- Plug-in direction vertical to the PCB



### Key commercial data

Packing unit	1
Minimum order quantity	50
Catalog page	Page 290 (CC-2011)
GTIN	 4 017918 039363
Custom tariff number	85366990
Country of origin	GERMANY

### Technical data

#### Dimensions / positions

Length	8.6 mm
Pitch	5.08 mm
Dimension a	66.04 mm
Number of positions	14
Pin dimensions	1 x 1 mm
Hole diameter	1.4 mm

#### Technical data

Range of articles	MSTBV 2,5/...-GF
Insulating material group	IIIa
Rated surge voltage (III/3)	4 kV
Rated surge voltage (III/2)	4 kV
Rated surge voltage (II/2)	4 kV

# Base strip - MSTBV 2,5/14-GF-5,08 - 1777196

## Technical data

### Technical data

Rated voltage (III/2)	320 V
Rated voltage (II/2)	400 V
Connection in acc. with standard	EN-VDE
Nominal current I <sub>N</sub>	12 A
Nominal voltage U <sub>N</sub>	250 V
Maximum load current	12 A
Insulating material	PBT
Inflammability class according to UL 94	V0
Color	green
Nominal voltage, UL/CUL Use Group B	300 V
Nominal current, UL/CUL Use Group B	12 A
Nominal voltage, UL/CUL Use Group D	300 V
Nominal current, UL/CUL Use Group D	12 A

## Classifications

### eClass

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

### 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

#### Approvals

CSA / UL Recognized / VDE report with production monitoring / cUL Recognized / GOST / GL / RS / IECCEB Scheme / GOST / cULus Recognized


# Base strip - MSTBV 2,5/14-GF-5,08 - 1777196


## Approvals


Ex Approvals


Approvals submitted

## Approval details

CSA 		
	B	D
Nominal current I <sub>N</sub>	10 A	10 A
Nominal voltage U <sub>N</sub>	300 V	300 V

UL Recognized 		
	B	D
Nominal current I <sub>N</sub>	12 A	12 A
Nominal voltage U <sub>N</sub>	300 V	150 V

VDE report with production monitoring 	
Nominal current I <sub>N</sub>	12 A
Nominal voltage U <sub>N</sub>	250 V

cUL Recognized 		
	B	D
Nominal current I <sub>N</sub>	12 A	12 A
Nominal voltage U <sub>N</sub>	300 V	150 V

GOST 		
--	--	--

GL	
Nominal current I <sub>N</sub>	8 A

## Base strip - MSTBV 2,5/14-GF-5,08 - 1777196

### Approvals

Nominal voltage UN	250 V
--------------------	-------

RS

IECEE CB Scheme	
Nominal current IN	12 A
Nominal voltage UN	250 V

GOST

cULus Recognized

### Accessories

Accessories

Assembly

Accessories - MSTB-BL - 1755477



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

### Marking

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



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: 5.08 mm

## Base strip - MSTBV 2,5/14-GF-5,08 - 1777196

### Accessories

Marker cards - SK 5,08/3,8:UNBEDRUCKT - 0805412



Marker cards, Card, white, Unlabeled, Can be labeled with: Thermomark R, Thermomark X, Thermomark S, Mounting type: Adhesive, For terminal block width: 5.08 mm

Marker pen - B-STIFT - 1051993



Marker pen, for manual labeling of unprinted Zack strips, smear-proof and waterproof, line thickness 0.5 mm

### Plug/Adapter

Keying star - CR-MSTB - 1734401



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

### Additional products

Printed-circuit board connector - MSTBT 2,5/14-STF-5,08 - 1805411



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 14, Pitch: 5.08 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

Printed-circuit board connector - MVSTBW 2,5/14-STF-5,08 - 1835025



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 14, Pitch: 5.08 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

## Base strip - MSTBV 2,5/14-GF-5,08 - 1777196

### Accessories

Printed-circuit board connector - MVSTBR 2,5/14-STF-5,08 - 1835216



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 14, Pitch: 5.08 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

Printed-circuit board connector - MSTBVK 2,5/14-STF-5,08 - 1849202



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 14, Pitch: 5.08 mm, Connection method: Screw connection, Color: green, Contact surface: Tin, Assembly: DIN rail

Printed-circuit board connector - MSTBC 2,5/14-STZF-5,08 - 1809857



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 14, Pitch: 5.08 mm, Connection method: Crimp connection, Color: green, Corresponding female crimp contacts with current [A] and conductor cross section range [mm<sup>2</sup>] data: 10A/MSTBC-MT 0,5-1,0 (3190564); 10A/MSTBC-MT 0,5-1,0 BA (3190645); 12A/MSTBC-MT 1,5-2,5 (3190551); 12A/MSTBC-MT 1,5-2,5 BA (3190658). BA = Bandkontakte

Printed-circuit board connector - FKCT 2,5/14-STF-5,08 - 1902424



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 14, Pitch: 5.08 mm, Connection method: Spring-cage conn., Color: green, Contact surface: Tin

Printed-circuit board connector - FKCVW 2,5/14-STF-5,08 - 1873922



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 14, Pitch: 5.08 mm, Connection method: Spring-cage conn., Color: green, Contact surface: Tin

Printed-circuit board connector - FKC 2,5/14-STF-5,08 - 1873320



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 14, Pitch: 5.08 mm, Connection method: Spring-cage conn., Color: green, Contact surface: Tin

## Base strip - MSTBV 2,5/14-GF-5,08 - 1777196

### Accessories

---

#### Printed-circuit board connector - UMSTBVK 2,5/14-STF-5,08 - 1859292



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 14, Pitch: 5.08 mm, Connection method: Screw connection, Color: green, Contact surface: Tin, Assembly: DIN rail

---

#### Printed-circuit board connector - MSTB 2,5/14-STF-5,08 - 1778108



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 14, Pitch: 5.08 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

---

#### Printed-circuit board connector - FRONT-MSTB 2,5/14-STF-5,08 - 1777918



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 14, Pitch: 5.08 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

---

#### Printed-circuit board connector - QC 1/14-STF-5,08 - 1883860



Plug component, Nominal current: 10 A, Rated voltage (III/2): 630 V, Number of positions: 14, Pitch: 5.08 mm, Connection method: Insulation displacement connection QUICKON, Color: green, Contact surface: Tin

---

#### Printed-circuit board connector - FKCVR 2,5/14-STF-5,08 - 1874222



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 14, Pitch: 5.08 mm, Connection method: Spring-cage conn., Color: green, Contact surface: Tin

---

# Base strip - MSTBV 2,5/14-GF-5,08 - 1777196

## Accessories

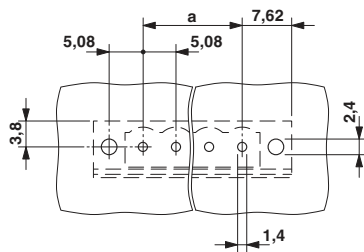
Feed-through terminal block - ZFKK 1,5-ICV-5,08 - 1873029



Feed-through terminal block, Connection method: Special and hybrid connection, Cross section: 0.2 mm<sup>2</sup> - 2.5 mm<sup>2</sup>, Width: 5.1 mm, Color: gray, Mounting: NS 35/15, NS 35/7.5 / Ex data new / /

## Drawings

Drilling diagram



Dimensioned drawing

