

## Base strip - DFK-MSTB 2,5/ 4-GF - 0710044

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>)



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 4, Pitch: 5 mm, Connection method: Solder/Slip-on connection, Color: green, Contact surface: Tin, Assembly: Direct mounting

The figure shows a 10-position version of the product

### Why buy this product

- Can be fixed in housing panels up to 6 mm thick using two M3 x 10 screws
- Outside: plug-in connection for corresponding MSTB 2,5 or FKC 2,5 plugs
- Headers for assembly in a device/housing panel
- Inside: solder or 2.8 mm slip-on plug-in connection that can be combined



### Key commercial data

Packing unit	1
Minimum order quantity	50
Catalog page	Page 325 (CC-2011)
GTIN	 4 017918 005078
Custom tariff number	85366990
Country of origin	GERMANY

### Technical data

#### Dimensions / positions

Pitch	5 mm
Dimension a	15 mm
Number of positions	4

#### Technical data

Range of articles	DFK-MSTB 2,5/..-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/2)	320 V

## Base strip - DFK-MSTB 2,5/ 4-GF - 0710044

### Technical data

#### Technical data

Rated voltage (II/2)	630 V
Connection in acc. with standard	EN-VDE
Nominal current I <sub>N</sub>	12 A
Nominal voltage U <sub>N</sub>	320 V
Nominal cross section	2.5 mm <sup>2</sup>
Maximum load current	12 A
Insulating material	PA
Inflammability class according to UL 94	V2
Nominal voltage, UL/CUL Use Group B	300 V
Nominal current, UL/CUL Use Group B	15 A
Nominal voltage, UL/CUL Use Group D	300 V
Nominal current, UL/CUL Use Group D	15 A

#### Connection data

Conductor cross section solid min.	0.2 mm <sup>2</sup>
Conductor cross section solid max.	2.5 mm <sup>2</sup>
Conductor cross section stranded min.	0.2 mm <sup>2</sup>
Conductor cross section stranded max.	2.5 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	12

### Classifications

#### eClass

eCl@ss 4.0	272607xx
eCl@ss 4.1	27260701
eCl@ss 5.0	27260701
eCl@ss 5.1	27141190
eCl@ss 6.0	27260704
eCl@ss 7.0	27440402

#### etim

ETIM 3.0	EC001283
ETIM 4.0	EC001283

#### unspsc

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

# Base strip - DFK-MSTB 2,5/ 4-GF - 0710044

## Approvals

### Approvals


#### Approvals


CSA / UL Recognized / VDE report with production monitoring / cUL Recognized / IECCE CB Scheme / GOST / cULus Recognized


#### Ex Approvals


#### Approvals submitted

### Approval details

CSA 		
	B	D
Nominal current IN	10 A	10 A
Nominal voltage UN	300 V	300 V

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

VDE report with production monitoring 	
Nominal current IN	12 A
Nominal voltage UN	250 V

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

## Base strip - DFK-MSTB 2,5/ 4-GF - 0710044

### Approvals

IECEE CB Scheme	
Nominal current I <sub>N</sub>	12 A
Nominal voltage U <sub>N</sub>	250 V



### Accessories

#### Accessories

#### Assembly

Screw set - DFK-MSTB-SS - 0708263



Screw set, for securing the header to the device wall, consists of an M3 x 10 screw, with a spring washer and a nut

Accessories - MSTB-BL - 1755477



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

#### 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

## Base strip - DFK-MSTB 2,5/ 4-GF - 0710044

### Accessories

#### Printed-circuit board connector - FKCT 2,5/ 4-STF - 1909427



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 4, Pitch: 5 mm, Connection method: Spring-cage conn., Color: green, Contact surface: Tin

#### Printed-circuit board connector - MVSTBR 2,5/ 4-STF - 1835494



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 4, Pitch: 5 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

#### Printed-circuit board connector - MVSTBW 2,5/ 4-STF - 1835300



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 4, Pitch: 5 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

#### Printed-circuit board connector - MSTB 2,5/ 4-STF - 1786857



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 4, Pitch: 5 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

#### Printed-circuit board connector - FRONT-MSTB 2,5/ 4-STF - 1779660



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 4, Pitch: 5 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

#### Printed-circuit board connector - FKCVR 2,5/ 4-STF - 1909906

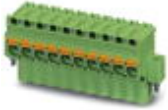


Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 4, Pitch: 5 mm, Connection method: Spring-cage conn., Color: green, Contact surface: Tin

# Base strip - DFK-MSTB 2,5/ 4-GF - 0710044

## Accessories

Printed-circuit board connector - FKCVW 2,5/ 4-STF - 1910225



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 4, Pitch: 5 mm, Connection method: Spring-cage conn., Color: green, Contact surface: Tin

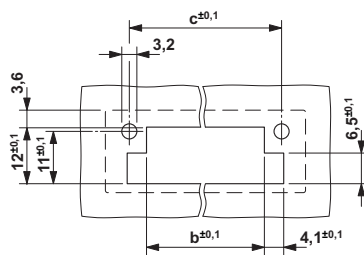
Printed-circuit board connector - FKC 2,5/ 4-STF - 1910542



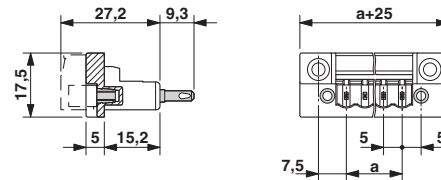
Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 4, Pitch: 5 mm, Connection method: Spring-cage conn., Color: green, Contact surface: Tin

## Drawings

Drilling diagram



Dimensioned drawing



Dimension b: 2.7 mm + (no. of pos. x 5.0 mm)  
Dimension c: Dim. b + 7.3 mm