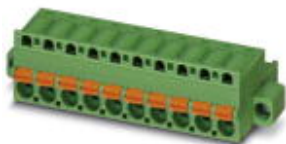


## Printed-circuit board connector - FKC 2,5/15-STF - 1910652

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Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 15, Pitch: 5 mm, Connection method: Spring-cage connection, Color: green, Contact surface: Tin



The figure shows a 10-position version of the product

### Why buy this product

- Can be combined with the MSTB 2,5 range
- For larger numbers of positions up to 24-pos., visit: [phoenixcontact.net/products](http://phoenixcontact.net/products)
- Fast conductor connection thanks to Push-in spring-cage connection
- Two test connections for accommodating 2 mm Ø test pins or 2.3 mm Ø test plug
- Contacting of solid or stranded conductors with ferrules without actuating the opening lever directly in the terminal point



### Key commercial data

Packing unit	50 pc
GTIN	 4 017918 175436
Weight per Piece (excluding packing)	26.49 g
Custom tariff number	85366990
Country of origin	Germany
Note	Made to Order (non-returnable)

### Technical data

#### Dimensions

Pitch	5 mm
Dimension a	70 mm

#### General

Range of articles	FKC 2,5/..-STF
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

# Printed-circuit board connector - FKC 2,5/15-STF - 1910652

## Technical data

### General

Rated voltage (III/3)	250 V
Rated voltage (III/2)	320 V
Rated voltage (II/2)	630 V
Connection in acc. with standard	EN-VDE
Nominal current $I_N$	12 A
Nominal cross section	2.5 mm <sup>2</sup>
Maximum load current	12 A
Insulating material	PA
Inflammability class according to UL 94	V0
Internal cylindrical gage	A2
Stripping length	10 mm
Number of positions	15

### 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 stranded, with ferrule without plastic sleeve min.	0.25 mm <sup>2</sup>
Conductor cross section stranded, with ferrule without plastic sleeve max.	2.5 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.25 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve max.	2.5 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max.	12
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	1 mm <sup>2</sup>
Minimum AWG according to UL/CUL	26
Maximum AWG according to UL/CUL	12

## 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

# Printed-circuit board connector - FKC 2,5/15-STF - 1910652

## Classifications

### eCl@ss

eCl@ss 8.0	27440309
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### ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002638
ETIM 5.0	EC002638

### 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 Gutachten mit Fertigungsüberwachung / cUL Recognized / IECCEB CB Scheme / CCA / EAC / cULus Recognized

#### Ex Approvals

#### Approvals submitted

### Approval details


CSA 		B	D
	mm <sup>2</sup> /AWG/kcmil	24-12	24-12
	Nominal current I <sub>N</sub>	12 A	10 A
	Nominal voltage U <sub>N</sub>	300 V	300 V

UL Recognized 		B	D
	mm <sup>2</sup> /AWG/kcmil	26-12	26-12


## Printed-circuit board connector - FKC 2,5/15-STF - 1910652

### Approvals


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

VDE Gutachten mit Fertigungsüberwachung 

	B	D
mm <sup>2</sup> /AWG/kcmil	0.2-2.5	
Nominal current IN	12 A	
Nominal voltage UN	250 V	

cUL Recognized 

	B	D
mm <sup>2</sup> /AWG/kcmil	26-12	26-12
Nominal current IN	10 A	10 A
Nominal voltage UN	300 V	300 V

IECEE CB Scheme 

	B	D
mm <sup>2</sup> /AWG/kcmil	0.2-2.5	
Nominal current IN	12 A	
Nominal voltage UN	250 V	

CCA

	B	D
mm <sup>2</sup> /AWG/kcmil	0.2-2.5	
Nominal current IN	12 A	
Nominal voltage UN	250 V	

EAC

cULus Recognized 

### Accessories

Accessories

## Printed-circuit board connector - FKC 2,5/15-STF - 1910652

### Accessories

#### Coding element

Coding profile - CP-MSTB - 1734634



Coding profile, is inserted into the slot on the plug or inverted header, red insulating material

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#### 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: 5 x 3.8 mm

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#### Screwdriver tools

Screwdriver - SZS 0,6X3,5 - 1205053



Actuation tool, for ST terminal blocks, insulated, also suitable for use as a bladed screwdriver, size: 0.6 x 3.5 x 100 mm, 2-component grip, with non-slip grip

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#### Test plug terminal block

Test plugs - MPS-MT - 0201744



Test plugs, Color: silver

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Reducing plug - RPS - 0201647



Reducing plug, Color: gray

## Printed-circuit board connector - FKC 2,5/15-STF - 1910652

### Accessories

Strain relief - STZ 4-FKC-5,08 - 1876877



Strain relief for snapping into the latching chambers of the plugs, 4-pos.

Strain relief - STZ 8-FKC-5,08 - 1876880

Strain relief for snapping into the latching chambers of the plug components, 8-pos.

### Additional products

Base strip - DFK-MSTB 2,5/15-GF - 0710154



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 15, Pitch: 5 mm, Connection method: Solder/Slip-on connection, Color: green, Contact surface: Tin, Mounting: Direct mounting

Base strip - MSTBV 2,5/15-GF - 1777015



Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 15, Pitch: 5 mm, Color: green, Contact surface: Tin, Mounting: Soldering

Base strip - EMSTB 2,5/15-GF - 1900206



Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 15, Pitch: 5 mm, Color: green, Contact surface: Tin, Mounting: Press-in

Base strip - EMSTBV 2,5/15-GF - 1915194



Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 15, Pitch: 5 mm, Color: green, Contact surface: Tin, Mounting: Press-in

# Printed-circuit board connector - FKC 2,5/15-STF - 1910652

## Accessories

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Base strip - MSTB 2,5/15-GF - 1776825

Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 15, Pitch: 5 mm, Color: green, Contact surface: Tin, Mounting: Soldering



## Drawings

Dimensioned drawing

