



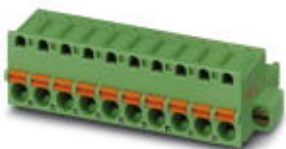
**Automatización Eléctrica**  
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# Printed-circuit board connector - FKC 2,5 HC/ 2-STF - 1942264

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Plug component, Nominal current: 16 A, Rated voltage (III/2): 320 V, Number of positions: 2, 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.



The figure shows a 10-position version of the product

## Why buy this product

- Time saving push-in connection, tools not required
- Defined contact force ensures that contact remains stable over the long term
- Intuitive use through colour coded actuation lever
- Integrated double steel spring provides additional safety in the event of temperature and power fluctuations
- Optimized for tight installation situations: operation and conductor connection from one direction
- Screwable flange for superior mechanical stability
- Quick and convenient testing using integrated test option



## Key Commercial Data

Packing unit	50 STK
GTIN	 4 017918 878191

## Technical data

### Dimensions

Pitch	5.00 mm
Dimension a	5 mm

### General

Range of articles	FKC 2,5 HC/...-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 HC/ 2-STF - 1942264

## 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 $I_N$	16 A
Nominal cross section	2.5 mm <sup>2</sup>
Maximum load current	16 A (with a 2.5 mm <sup>2</sup> conductor cross section)
Insulating material	PA
Flammability rating according to UL 94	V0
Internal cylindrical gage	A2
Stripping length	10 mm
Number of positions	2

### 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 flexible min.	0.2 mm <sup>2</sup>
Conductor cross section flexible max.	2.5 mm <sup>2</sup>
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.25 mm <sup>2</sup>
Conductor cross section flexible, with ferrule without plastic sleeve max.	2.5 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.25 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve max.	1.5 mm <sup>2</sup>
Conductor cross section AWG min.	24
Conductor cross section AWG 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.	1.5 mm <sup>2</sup>
Minimum AWG according to UL/CUL	26
Maximum AWG according to UL/CUL	12

### Standards and Regulations

Connection in acc. with standard	EN-VDE
	CUL
Flammability rating according to UL 94	V0

## Classifications

### eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27260701
eCl@ss 5.0	27260701

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## Classifications

### eCl@ss

eCl@ss 5.1	27260701
eCl@ss 6.0	27260704
eCl@ss 7.0	27440402
eCl@ss 8.0	27440309

### 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

UL Recognized / VDE Gutachten mit Fertigungsüberwachung / cUL Recognized / IECCE CB Scheme / EAC / cULus Recognized

#### Ex Approvals

#### Approvals submitted

### Approval details

UL Recognized 		
	B	D
mm <sup>2</sup> /AWG/kcmil	26-12	26-12
Nominal current I <sub>N</sub>	16 A	10 A
Nominal voltage U <sub>N</sub>	300 V	300 V

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## Approvals

VDE Gutachten mit Fertigungsüberwachung

mm <sup>2</sup> /AWG/kcmil	0.2-2.5
Nominal current I <sub>N</sub>	16 A
Nominal voltage U <sub>N</sub>	250 V

cUL Recognized

	B	D
mm <sup>2</sup> /AWG/kcmil	26-12	26-12
Nominal current I <sub>N</sub>	16 A	10 A
Nominal voltage U <sub>N</sub>	300 V	300 V

IECEE CB Scheme

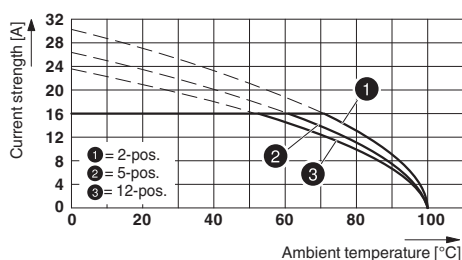
mm <sup>2</sup> /AWG/kcmil	0.2-2.5
Nominal current I <sub>N</sub>	16 A
Nominal voltage U <sub>N</sub>	250 V

EAC

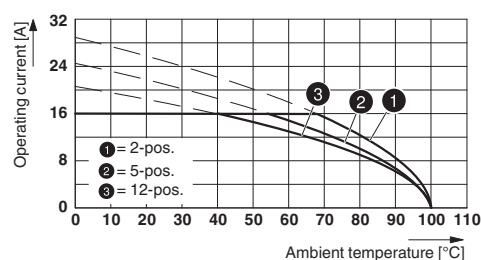
cULus Recognized

## Drawings

Diagram



Diagram

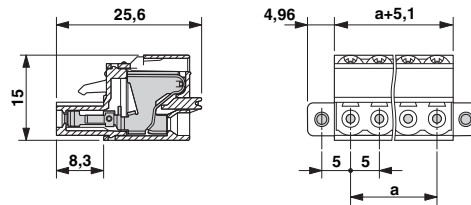


Type: FKC 2,5 HC/...-STF with MSTBV 2,5 HC/...-GF

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

## Printed-circuit board connector - FKC 2,5 HC/ 2-STF - 1942264

Dimensional drawing



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Product	Code	Reference	Product link
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