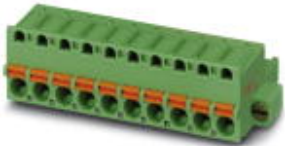


Printed-circuit board connector - FKC 2,5 HC/12-STF-5,08 - 1942581

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Plug component, Nominal current: 16 A, Rated voltage (III/2): 320 V, Number of positions: 12, Pitch: 5.08 mm, Connection method: Spring-cage 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

- Two integrated test connections
- HC plugs may only be used with HC base strips
- Coding profiles (CP) as protection against mismatching
- Inverted versions with pin contact (FKIC 2,5 HC); e.g., for cable/cable connections or motor outputs
- Push-in spring-cage plug as a "High Current" (HC) version for 16 A



Key commercial data

Packing unit	50 pc
Minimum order quantity	50 pc
GTIN	 4 017918 883201
Weight per Piece (excluding packing)	20.92 g
Custom tariff number	85366990
Country of origin	Germany
Note	Made to Order (non-returnable)

Technical data

Dimensions

Pitch	5.08 mm
Dimension a	55.88 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

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Technical data

General

Rated surge voltage (II/2)	4 kV
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 ²
Maximum load current	16 A (with 2.5 mm ² conductor cross section)
Insulating material	PA
Inflammability class according to UL 94	V0
Internal cylindrical gage	A2
Stripping length	10 mm
Number of positions	12

Connection data

Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	2.5 mm ²
Conductor cross section stranded min.	0.2 mm ²
Conductor cross section stranded max.	2.5 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.25 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve max.	2.5 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.25 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve max.	1.5 mm ²
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 ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	1.5 mm ²
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

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Classifications

eCl@ss

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 / IECCEB Scheme / CCA / EAC / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

UL Recognized 		
	B	D
mm ² /AWG/kcmil	26-12	26-12
Nominal current I _N	16 A	10 A
Nominal voltage U _N	300 V	300 V

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Approvals

VDE Gutachten mit Fertigungsüberwachung

mm ² /AWG/kcmil	0.2-2.5
Nominal current I _N	16 A
Nominal voltage U _N	250 V

cUL Recognized

	B	D
mm ² /AWG/kcmil	26-12	26-12
Nominal current I _N	16 A	10 A
Nominal voltage U _N	300 V	300 V

IECEE CB Scheme

mm ² /AWG/kcmil	0.2-2.5
Nominal current I _N	16 A
Nominal voltage U _N	250 V

CCA

mm ² /AWG/kcmil	0.2-2.5
Nominal current I _N	16 A
Nominal voltage U _N	250 V

EAC

cULus Recognized

Accessories

Accessories

Coding element

Printed-circuit board connector - FKC 2,5 HC/12-STF-5,08 - 1942581

Accessories

Coding profile - CP-MSTB - 1734634

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



Labeled terminal marker

Marker for terminal blocks - SK 5,08/3,8: 0-9 - 0804303



Marker for terminal blocks, Card, white, labeled, Horizontal: Consecutive numbers 0 - 9, Mounting type: Adhesive, for terminal block width: 5.08 mm, Lettering field: 5.08 x 3.8 mm

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



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: 5.08 mm, Lettering field: 5.08 x 3.8 mm

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

Terminal marking

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



Marker card, Card, white, unlabeled, can be labeled with: Marker pen, Mounting type: Adhesive, for terminal block width: 5.08 mm, Lettering field: 5.08 x 3.8 mm

Test plug terminal block

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Accessories

Reducing plug - RPS - 0201647



Reducing plug, Color: gray

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

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

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



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

Additional products

Base strip - MSTB 2,5 HC/12-GF-5,08 - 1924185

Header, Nominal current: 16 A, Rated voltage (III/2): 320 V, Number of positions: 12, Pitch: 5.08 mm, Color: green, Contact surface: Tin, Mounting: Soldering



Base strip - MSTBV 2,5 HC/12-GF-5,08 - 1924622

Header, Nominal current: 16 A, Rated voltage (III/2): 320 V, Number of positions: 12, Pitch: 5.08 mm, Color: green, Contact surface: Tin, Mounting: Soldering



Drawings

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Dimensioned drawing

