

Printed-circuit board connector - FKCS 2,5/11-ST-5,08 - 1975163

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Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 11, Pitch: 5.08 mm, Connection method: Spring-cage connection, Color: green, Contact surface: Tin




The figure shows a 10-position version of the product

Product Features

- ✓ For larger numbers of positions up to 24-pos., visit: phoenixcontact.net/products
- ✓ With actuation shaft for screwdriver, user-friendly "two-hand operation"
- ✓ Fast conductor connection thanks to Push-in spring-cage connection



Key commercial data

| | |
|--------------------------------------|---|
| Packing unit | 1 pc |
| Minimum order quantity | 50 pc |
| GTIN |  4 017918 971496 |
| Weight per Piece (excluding packing) | 18.79 GRM |
| Custom tariff number | 85366990 |
| Country of origin | Germany |

Technical data

Dimensions

| | |
|-------------|---------|
| Pitch | 5.08 mm |
| Dimension a | 50.8 mm |

General

| | |
|-----------------------------|----------------|
| Range of articles | FKCS 2,5/..-ST |
| Insulating material group | I |
| Rated surge voltage (III/3) | 4 kV |

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Technical data

General

| | |
|---|---------------------|
| Rated surge voltage (III/2) | 4 kV |
| 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 | 12 A |
| Nominal cross section | 2.5 mm ² |
| 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 | 11 |

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. | 2.5 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 |

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Classifications

eCl@ss

| | |
|------------|----------|
| eCl@ss 5.0 | 27260701 |
| eCl@ss 5.1 | 27260701 |
| eCl@ss 6.0 | 27260704 |
| eCl@ss 7.0 | 27440402 |
| eCl@ss 8.0 | 27440402 |

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 / GOST / IECCEB Scheme / GOST / CCA / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

| | | |
|---|-------|-------|
| UL Recognized  | | |
| | B | D |
| mm ² /AWG/kcmil | 26-12 | 26-12 |

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Approvals

| | B | D |
|--------------------------------|-------|-------|
| Nominal current I _N | 10 A | 10 A |
| Nominal voltage U _N | 300 V | 300 V |

VDE Gutachten mit Fertigungsüberwachung

| | | |
|--------------------------------|---------|--|
| mm ² /AWG/kcmil | 0.2-2.5 | |
| Nominal current I _N | 12 A | |
| Nominal voltage U _N | 250 V | |

cUL Recognized

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

GOST

IECEE CB Scheme

| | | |
|--------------------------------|---------|--|
| mm ² /AWG/kcmil | 0.2-2.5 | |
| Nominal current I _N | 12 A | |
| Nominal voltage U _N | 250 V | |

GOST

CCA

| | | |
|----------------------------|---------|--|
| mm ² /AWG/kcmil | 0.2-2.5 | |
|----------------------------|---------|--|

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Approvals

| | |
|-----------------------|-------|
| Nominal current I_N | 12 A |
| Nominal voltage U_N | 250 V |



Drawings

Dimensioned drawing

