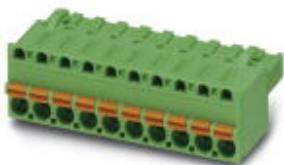


Printed-circuit board connector - FKCT 2,5/ 9-ST-5,08 AU - 1700640

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PCB connector, nominal current: 12 A, number of positions: 9, pitch: 5.08 mm, connection method: Push-in spring connection, color: green, contact surface: Gold




The figure shows a 10-position version of the product

Your advantages

- Gold-plated contacts ensure transfer quality remains stable over the long term
- 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



Key Commercial Data

| | |
|--------------|---|
| Packing unit | 50 pc |
| GTIN |  4 046356 495929 |
| GTIN | 4046356495929 |

Technical data

Dimensions

| | |
|--------------|----------|
| Length [l] | 25.6 mm |
| Width [w] | 45.62 mm |
| Height [h] | 15 mm |
| Pitch | 5.08 mm |
| Dimension a | 40.64 mm |

General

| | |
|---------------------|---------------------------|
| Range of articles | FKCT 2,5/...-ST |
| Number of positions | 9 |
| Connection method | Push-in spring connection |

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Technical data

General

| | |
|----------------------------------|---------------------|
| Rated voltage (III/3) | 320 V |
| Connection in acc. with standard | EN-VDE |
| Nominal current I _N | 12 A |
| Nominal cross section | 2.5 mm ² |

Connection data

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

Standards and Regulations

| | |
|----------------------------------|--------|
| Connection in acc. with standard | EN-VDE |
| | CUL |

Environmental Product Compliance

| | |
|------------|---|
| China RoHS | Environmentally friendly use period: unlimited = EFUP-e |
| | No hazardous substances above threshold values |

Approvals

Approvals

Approvals


VDE Gutachten mit Fertigungsüberwachung / EAC / cULus Recognized

Ex Approvals


Approval details

Printed-circuit board connector - FKCT 2,5/ 9-ST-5,08 AU - 1700640

Approvals

| | | | |
|--|---|--|----------|
| VDE Gutachten mit Fertigungsüberwachung |  | http://www2.vde.com/de/Institut/Online-Service/ VDE-gepruefteProdukte/Seiten/Online-Suche.aspx | 40004701 |
| Nominal voltage UN | | 250 V | |
| Nominal current IN | | 12 A | |
| mm ² /AWG/kcmil | | 0.2-2.5 | |

| | | |
|-----|---|---------|
| EAC |  | B.01742 |
|-----|---|---------|

| | | | |
|----------------------------|---|---|-----------------|
| cULus Recognized |  | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm | E60425-19931011 |
| | D | B | |
| Nominal voltage UN | 300 V | 300 V | |
| Nominal current IN | 10 A | 10 A | |
| mm ² /AWG/kcmil | 26-12 | 26-12 | |

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