



Automatización Eléctrica
Especialistas en Automatización

At the end of this document you will find links to products related to this catalog. You can go directly to our shop by clicking [HERE](#). [HERE](#)

Printed-circuit board connector - ICC 2,5/ 4-STZ-5,08 - 1823862

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)

Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 4, Pitch: 5.08 mm, Connection method: Crimp connection, Color: green, Corresponding male crimp contacts with current [A] and conductor cross section range [mm²] data: 10A/ICC-MT 0,5-1,0 (3190577); 10A/ICC-MT 0,5-1,0 BA (3190603); 12A/ICC-MT 1,5-2,5 (3190580); 12A/ICC-MT 1,5-2,5 BA (3190593). BA = Bandkontakte



The illustration shows an 10-position version

Why buy this product

- ICC 2,5/...-STZF-5,08 are, among other things, compatible with IC 2,5/-GF-5,08 inverted base strips
- ICC 2,5/-STZ-5,08 with engagement noses for MSTBC 2,5/...-ST-... and for locking with MSTBC 2,5/-STZ-5,08-R
- Plug with inverted contact system (pin contact)
- With snap-lock option for pull-out aid



Key Commercial Data

| | |
|--------------|---|
| Packing unit | 50 STK |
| GTIN |  4 017918 048716 |

Technical data

Dimensions

| | |
|-------------|----------|
| Pitch | 5.08 mm |
| Dimension a | 15.24 mm |

General

| | |
|-----------------------------|----------------|
| Range of articles | ICC 2,5/..-STZ |
| 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 |
| Rated voltage (III/3) | 250 V |
| Rated voltage (III/2) | 320 V |
| Rated voltage (II/2) | 630 V |

Printed-circuit board connector - ICC 2,5/ 4-STZ-5,08 - 1823862

Technical data

General

| | |
|--|---------------------|
| 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 |
| Flammability rating according to UL 94 | V0 |
| Number of positions | 4 |

Connection data

| | |
|---------------------------------------|---------------------|
| Conductor cross section flexible min. | 0.5 mm ² |
| Conductor cross section flexible max. | 2.5 mm ² |
| Conductor cross section AWG min. | 20 |
| Conductor cross section AWG max. | 14 |
| Minimum AWG according to UL/CUL | 20 |
| Maximum AWG according to UL/CUL | 14 |

Standards and Regulations

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

Printed-circuit board connector - ICC 2,5/ 4-STZ-5,08 - 1823862

Classifications

UNSPSC

| | |
|-------------|----------|
| UNSPSC 13.2 | 39121409 |
|-------------|----------|

Approvals

Approvals

Approvals

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

Ex Approvals

Approvals submitted

Approval details

| | | |
|--------------------------------|-------|-------|
| CSA | | |
| | B | D |
| mm ² /AWG/kcmil | 20-14 | 20-14 |
| Nominal current I _N | 10 A | 10 A |
| Nominal voltage U _N | 300 V | 300 V |

| | | |
|--------------------------------|-------|-------|
| UL Recognized | | |
| | B | D |
| mm ² /AWG/kcmil | 20-14 | 20-14 |
| Nominal current I _N | 10 A | 10 A |
| Nominal voltage U _N | 250 V | 300 V |

| | |
|---|---------|
| VDE Gutachten mit Fertigungsüberwachung | |
| mm ² /AWG/kcmil | 0.5-1.0 |
| Nominal current I _N | 10 A |
| Nominal voltage U _N | 250 V |

Printed-circuit board connector - ICC 2,5/ 4-STZ-5,08 - 1823862

Approvals

| | | |
|--------------------------------|-------|-------|
| cUL Recognized | | |
| | B | D |
| mm ² /AWG/kcmil | 20-14 | 20-14 |
| Nominal current I _N | 10 A | 10 A |
| Nominal voltage U _N | 250 V | 300 V |

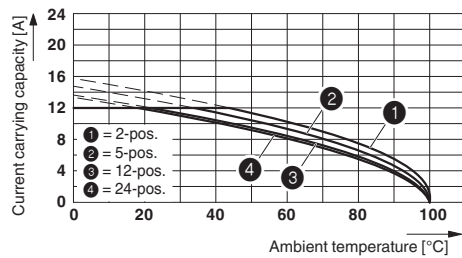
| | |
|--------------------------------|---------|
| IECEE CB Scheme | |
| mm ² /AWG/kcmil | 0.5-1.0 |
| Nominal current I _N | 10 A |
| Nominal voltage U _N | 250 V |

| |
|-----|
| EAC |
|-----|

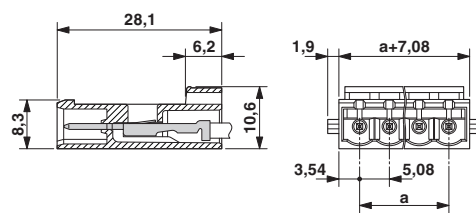
| |
|------------------|
| cULus Recognized |
|------------------|

Drawings

Diagram



Dimensional drawing



Type: ICC 2,5/...-ST-5,08 with IC 2,5/...-G-5,08; contact: ICC-MT 1,5 - 2,5


Phoenix Contact 2016 © - all rights reserved
<http://www.phoenixcontact.com>

PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstr. 8
32825 Blomberg
Germany
Tel. +49 5235 300
Fax +49 5235 3 41200
<http://www.phoenixcontact.com>

Below is a list of articles with direct links to our shop Electric Automation Network where you can see:

- Quote per purchase volume in real time.
- Online documentation and datasheets of all products.
- Estimated delivery time enquiry in real time.
- Logistics systems for the shipment of materials almost anywhere in the world.
- Purchasing management, order record and tracking of shipments.

To access the product, [click on the green button.](#)

| Product | Code | Reference | Product link |
|---|---------|---------------------|---|
| Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 4, Pitch: 5.08 mm, Connection method: Crimp connection, Color: green, Corresponding male crimp contacts with current [A] and conductor cross section range [mm ²] data: 10A/ICC-MT 0,5-1,0 (3190577); 10A/ICC-MT 0,5-1,0 BA (3190603); 12A/ICC-MT 1,5-2,5 (3190580); 12A/ICC-MT 1,5-2,5 BA (3190593). BA = Bandkontakte | 1823862 | ICC 2,5/ 4-STZ-5,08 |  |