

## INDUSTRIAL COMPONENT DATA

# ICC 2,5/23-STZF-5,08 1823590 PHOENIX CONTACT

## Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: ICC 2,5/23-STZF-5,08



|                 |                      |
|-----------------|----------------------|
| Manufacturer    | PHOENIX CONTACT      |
| MPN / Reference | ICC 2,5/23-STZF-5,08 |
| Catalog number  | 1823590              |
| Category        | Cable connector      |
| Minimum order   | 50 Pcs               |
| Document ID     | EO-476B574EE8        |
| Generated       | 2026-08-06           |

### Product Overview

Printed-circuit board connector

Connector for printed circuit board, nominal section: 2.5 mm<sup>2</sup>, color: green, nominal current: 12 A, nominal voltage (III/2): 320 V, contact type: Male, number of potentials: 23, number of rows: 1, number of poles: 23, number of connections: 23, article family: ICC 2.5/.. -STZF, pitch: 5.08 mm, connection type: Crimped connection, conductor/printed circuit board connection direction: 0 °, clamping hook: - without clamping hook, plug-in system: COMBICON MSTB 2.5, locking: Screw locking, fixing type: Air clamping (screw), packaging type: packed in box, Corresponding crimped male contacts, with indications regarding the current [A] and the range of conductor cross-sections [mm<sup>2</sup>]: 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 = Contacts on Ribbon

## STRUCTURED PRODUCT DATA

### Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

### Classification & Catalog Path

|              |                                        |
|--------------|----------------------------------------|
| Catalog path | PHOENIX CONTACT > PCB Connectors (PCC) |
|--------------|----------------------------------------|

### Additional Product Information

Key Commercial Data

Orderkey 1823590

Packing unit 50 pc

Note Made to Order (non-returnable)

GTIN 4017918048457

Weight per Piece (excluding packing) 19.380 g

Custom tariff number 85472000

Country of origin PL (Poland)

Dimensions

Length [ l ] 28.1 mm

Width [ w ] 126.76 mm

Height [ h ] 10.6 mm

Pitch 5.08 mm

Dimension a 111.76 mm

General

Range of articles ICC 2,5/..-STZF

Number of positions 23

Connection method Crimp connection

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

Connection in acc. with standard EN-VDE

Nominal current IN 12 A

Nominal cross section 2.5 mm<sup>2</sup>

Maximum load current 12 A

Insulating material PA

Flammability rating according to UL 94 V0

Connection data

Conductor cross section flexible min. 0.5 mm<sup>2</sup>

Conductor cross section flexible max. 2.5 mm<sup>2</sup>

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

Environmental Product Compliance

China RoHS Environmentally friendly use period: unlimited = EFUP-e

No hazardous substances above threshold values

Classifications

eCl@ss 4.0272607xxeCl@ss 4.127260701eCl@ss 5.027260701eCl@ss 5.127260700eCl@ss 6.027260700eCl@ss  
7.027440309eCl@ss 8.027440309eCl@ss 9.027440309

ETIM 3....

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / ICC 2,5/23-STZF-5,08 with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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