INDUSTRIAL COMPONENT DATA

ICC 2,5/23-STZFD-5,08 1823820 PHOENIX CONTACT Printed-circuit board connector

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	ICC 2,5/23-STZFD-5,08
Catalog number	1823820
Category	Cable connector
Minimum order	50 Pcs
Document ID	EO-F2943D5572
Generated	2026-11-19

Product Overview

Printed-circuit board connector
Connector for printed circuit board, nominal section: 2.5 mm², 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/.. -STZFD, 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: boxed packed, Corresponding crimped male contacts, with indications regarding the current [A] and the range of conductor cross-sections [mm²]: 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 1823820
Packing unit 50 pc
Note Made to Order (non-returnable)
GTIN 4017918048686
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] 125.75 mm
Height [h] 10.6 mm
Pitch 5.08 mm
Dimension a 111.76 mm
General
Range of articles ICC 2,5/..-STZFD
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 mm²
Maximum load current 12 A
Insulating material PA
Flammability rating according to UL 94 V0
Connection data
Conductor cross section flexible min. 0.5 mm²
Conductor cross section flexible max. 2.5 mm²
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
REACh SVHC Lead 7439-92-1
China RoHS Environmentally Friendly Use Period = 50
For details about hazardous substances go to tab “Downloads”, Category “Manufacturer's declaration”
Classifications
eCl@ss 4.0272607xxeCl@ss 4.127260701eCl@ss 5.027260701eCl@ss 5.127260700eCl@ss 6.027260...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / ICC 2,5/23-STZFD-5,08 with the required quantity to info@electricaonline.com or use 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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