

INDUSTRIAL COMPONENT DATA

FRONT 2,5-H/SA 5-EX 1701159 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: FRONT 2,5-H/SA 5-EX



Manufacturer	PHOENIX CONTACT
MPN / Reference	FRONT 2,5-H/SA 5-EX
Catalog number	1701159
Category	Printed circuit board terminal
Minimum order	50 Pcs
Document ID	EO-CDBC99B344
Generated	2026-07-29

Product Overview

PCB terminal block

Terminal block for printed circuit board, nominal current: 21 A, nominal section: 2.5 mm², number of potentials: 1, number of rows: 1, number of poles per row: 1, family of articles: FRONT 2.5-H-EX, pitch: 5 mm, type of connection: Front screw connection, screw clamping form: L Longitudinal slot, mounting: Wave soldering, Conductor/PCB connection direction: 0 °, color: green, Pin arrangement: Linear pin arrangement, Pin length [P]: 3.5 mm, number of solder pins per potential: 2, packaging type: boxed. The item can be aligned with different numbers of poles!

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 1701159

Packing unit 50 pc

Minimum order quantity 50 pc

Catalog page Page 158 (C-1-2013)

GTIN 4017918022990

Weight per Piece (excluding packing) 3.320 g

Custom tariff number 85369010

Country of origin DE (Germany)

Item properties

Brief article description PCB terminal block

Range of articles FRONT 2,5-H-EX

Pitch 5 mm

Number of positions 1

Connection method Front screw connection

Drive form screw head Slotted

Screw thread M2,5

Mounting type Wave soldering

Pin layout Linear pinning

Number of levels 1

Number of connections 1

Number of potentials 1

Connection capacity

Conductor cross section solid 0.2 mm² ... 2.5 mm²

Conductor cross section flexible 0.2 mm² ... 2.5 mm²

Conductor cross section AWG / kcmil 24 ... 14

Stripping length 9 mm

Torque 0.4 Nm ... 0.5 Nm

Material data - contact

Note WEEE/RoHS-compliant, free of whiskers according to IEC 60068-2-82/JEDEC JESD 201

Contact material Cu alloy

Surface characteristics Tin-plated

Metal surface terminal point (top layer) Tin (5 - 7 µm Sn)

Metal surface soldering area (top layer) Tin (5 - 7 µm Sn)

Material data - housing

Insulating material PA

Insulating material group I

CTI according to IEC 60112 600

Flammability rating according to UL 94 V0

Glow wire flammability index GWFI according to EN 60695-2-12 850

Glow wire ignition temperature GWIT according to EN 60695-2-13 775

Temperature for the ball pressure test according to EN 60695-10-2 125 °C

Dimensions for the product

Dimensional drawing

Caption Schema...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / FRONT 2,5-H/SA 5-EX 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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.