

INDUSTRIAL COMPONENT DATA

PTSM 0,5/ 3-P-2,5 BDWH:C,D,F 1705441 PHOENIX CONTACT

Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: PTSM 0,5/ 3-P-2,5 BDWH:C,D,F



Manufacturer	PHOENIX CONTACT
MPN / Reference	PTSM 0,5/ 3-P-2,5 BDWH:C,D,F
Catalog number	1705441
Category	Cable connector
Minimum order	50 Pcs
Document ID	EO-8DC59F07C8
Generated	2026-08-05

Product Overview

Printed-circuit board connector

Connector for printed circuit board, nominal section: 0.5 mm², color: black, nominal current: 6 A, nominal voltage (III/2): 160 V, contact surface: Tin, contact type: Female, number of potentials: 3, number of rows: 1, number of poles: 3, number of connections: 3, family of articles: PTSM 0.5/.. -P, pitch: 2.5mm, connection type: Push-in spring connection, conductor/printed circuit board connection direction: 0°, plug-in system: COMBICON PTSM, lock: without, fixing type: without, packaging type: boxed

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)
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Additional Product Information

Plug component, nominal current: 6 A, rated voltage (III/2): 160 V, number of positions: 3, pitch: 2.5 mm, connection method: Push-in spring connection, color: black, contact surface: Tin

Key Commercial Data

Orderkey 1705441

Packing unit 1

GTIN 4046356770187

Custom tariff number 85366990

General

Range of articles PTSM 0,5/..-P

Type of contact Female connector

Number of positions 3

Connection method Push-in spring connection

Rated voltage (III/3) 100 V

Rated voltage (III/2) 160 V

Connection in acc. with standard EN-VDE

Nominal current IN 6 A

Nominal cross section 0.5 mm²

Connection data

Conductor cross section solid min. 0.14 mm²

Conductor cross section solid max. 0.5 mm²

Conductor cross section flexible min. 0.2 mm²

Conductor cross section flexible max. 0.5 mm²

Conductor cross section flexible, with ferrule without plastic sleeve min. 0.25 mm²

Conductor cross section flexible, with ferrule without plastic sleeve max. 0.5 mm²

Conductor cross section flexible, with ferrule with plastic sleeve min. 0.25 mm²

Conductor cross section flexible, with ferrule with plastic sleeve max. 0.34 mm²

Conductor cross section AWG min. 24

Conductor cross section AWG max. 20

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

eCI@ss

eCI@ss 4.0 272607xx

eCI@ss 4.1 27260701

eCI@ss 5.0 27260701

eCI@ss 5.1 27260701

eCI@ss 6.0 27260704

eC...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PTSM 0,5/ 3-P-2,5 BDWH:C,D,F 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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