

INDUSTRIAL COMPONENT DATA

PP-H 2,5/ 2 3209879 PHOENIX CONTACT Plug

Brand: PHOENIX CONTACT | Manufacturer Part Number: PP-H 2,5/ 2



Manufacturer	PHOENIX CONTACT
MPN / Reference	PP-H 2,5/ 2
Catalog number	3209879
Category	Terminal block connector
Minimum order	50 Pcs
Document ID	EO-C09220ABC1
Generated	2026-07-31

Product Overview

Plug

Connector, rated voltage: 500 V, rated current: 24 A, number of connections: 2, number of poles: 2, connection type: Push-in connection, 1st floor, Sizing cross-section: 2.5 mm², cross-section: 0.14 mm² - 4 mm², mounting class: Snap-in mounting, color: gray

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 > Modular TBs

Additional Product Information

Key Commercial Data

Orderkey 3209879
Packing unit 50 pc
Minimum order quantity 50 pc
Catalog page Page 294 (C-1-2017)
GTIN 4046356366663
Weight per Piece (excluding packing) 6.800 g
Custom tariff number 85366990
Country of origin PL (Poland)
General
Number of positions 2
Number of levels 1
Number of connections 2

Potentials 1

Nominal cross section 2.5 mm²

Color gray

Insulating material PA

Flammability rating according to UL 94 V0

Area of application Railway industry

Machine building

Plant engineering

Maximum load current 24 A (with a 2.5 mm² conductor cross section)

Rated surge voltage 6 kV

Degree of pollution 3

Overvoltage category III

Insulating material group I

Maximum power dissipation for nominal condition 0.77 W

Maximum load current 24 A (with 4 mm² conductor cross section)

Nominal current I_N 24 A

Nominal voltage U_N 500 V

Open side panel No

Relative insulation material temperature index (Elec., UL 746 B) 130 °C

Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21)) 130 °C

Static insulating material application in cold -60 °C

Behavior in fire for rail vehicles (DIN 5510-2) Test passed

Flame test method (DIN EN 60695-11-10) V0

Oxygen index (DIN EN ISO 4589-2) >32 %

NF F16-101, NF F10-102 Class I 2

NF F16-101, NF F10-102 Class F 2

Surface flammability NFPA 130 (ASTM E 162) passed

Specific optical density of smoke NFPA 130 (ASTM E 662) passed

Smoke gas toxicity NFPA 130 (SMP 800C) passed

Calorimetric heat release NFPA 130 (ASTM E 1354) 28 MJ/kg

Fire protec...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PP-H 2,5/ 2 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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