

INDUSTRIAL COMPONENT DATA

PP-H 4/12 3212080 PHOENIX CONTACT Plug

Brand: PHOENIX CONTACT | Manufacturer Part Number: PP-H 4/12



Manufacturer	PHOENIX CONTACT
MPN / Reference	PP-H 4/12
Catalog number	3212080
Category	Terminal block connector
Minimum order	10 Pcs
Document ID	EO-1B7C38E97A
Generated	2026-08-04

Product Overview

Plug

Connector, rated voltage: 800 V, rated current: 32 A, number of connections: 12, number of poles: 12, connection type: Push-in connection, 1st floor, left-hand connection, Sizing cross-section: 4 mm², cross-section: 0.2 mm² - 6 mm², 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 3212080

Packing unit 10 pc

Minimum order quantity 10 pc

Note Made to Order (non-returnable)

Catalog page Page 301 (C-1-2017)

GTIN 4046356483162

Weight per Piece (excluding packing) 54.600 g

Custom tariff number 85366990

Country of origin PL (Poland)

General

Number of positions 12

Number of levels 1

Number of connections 12

Potentials 12

Nominal cross section 4 mm²

Color gray

Insulating material PA

Flammability rating according to UL 94 V0

Area of application Railway industry

Machine building

Plant engineering

Rated surge voltage 8 kV

Degree of pollution 3

Overvoltage category III

Insulating material group I

Maximum power dissipation for nominal condition 1.02 W

Maximum load current 32 A (with 6 mm² conductor cross section)

Nominal current I_N 32 A

Nominal voltage U_N 800 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 protection for rail vehicles (DIN E...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PP-H 4/12 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.