

**INDUSTRIAL COMPONENT DATA**

# PP-H 4/ 1 3212010 PHOENIX CONTACT Plug

Brand: PHOENIX CONTACT | Manufacturer Part Number: PP-H 4/ 1



|                 |                          |
|-----------------|--------------------------|
| Manufacturer    | PHOENIX CONTACT          |
| MPN / Reference | PP-H 4/ 1                |
| Catalog number  | 3212010                  |
| Category        | Terminal block connector |
| Minimum order   | 50 Pcs                   |
| Document ID     | EO-149F66A07F            |
| Generated       | 2026-08-03               |

## Product Overview

### Plug

Connector, nominal voltage: 800 V, nominal current: 32 A, number of connections: 1, number of poles: 1, connection type: Push-in connection, 1st floor, left-hand connection, Sizing section: 4 mm<sup>2</sup>, cross-section: 0.2 mm<sup>2</sup> - 6 mm<sup>2</sup>, 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 &gt; Modular TBs

## Additional Product Information

### Key Commercial Data

Orderkey 3212010  
 Packing unit 50 pc  
 Minimum order quantity 50 pc  
 Catalog page Page 301 (C-1-2017)  
 GTIN 4046356483032  
 Weight per Piece (excluding packing) 4.690 g  
 Custom tariff number 85366990  
 Country of origin PL (Poland)  
 General  
 Number of positions 1  
 Number of levels 1  
 Number of connections 1

**Potentials 1**

Nominal cross section 4 mm<sup>2</sup>

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 mm<sup>2</sup> conductor cross section)

Nominal current I<sub>N</sub> 32 A

Nominal voltage U<sub>N</sub> 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 EN 45545-2) R22 HL 1 - HL 3

Fire protecti...

**REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW**

Send PHOENIX CONTACT / PP-H 4/ 1 with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

**GLOBAL OFFICES**

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten PI #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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