

## INDUSTRIAL COMPONENT DATA

## PP-H 4/ 1-R BU 3211980 PHOENIX CONTACT Plug

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



|                 |                          |
|-----------------|--------------------------|
| Manufacturer    | PHOENIX CONTACT          |
| MPN / Reference | PP-H 4/ 1-R BU           |
| Catalog number  | 3211980                  |
| Category        | Terminal block connector |
| Minimum order   | 50 Pcs                   |
| Document ID     | EO-13ED6C96AC            |
| Generated       | 2026-08-05               |

## Product Overview

## Plug

Connector, rated voltage: 800 V, rated current: 32 A, number of connections: 1, number of poles: 1, connection type: Push-in connection, 1st floor, left-hand connection, Sizing cross-section: 4 mm<sup>2</sup>, cross-section: 0.2 mm<sup>2</sup> - 6 mm<sup>2</sup>, color: blue  
Plug, nom. voltage: 800 V, nominal current: 32 A, number of connections: 1, number of positions: 1, connection method: Push-in connection, 1st level connection left, Rated cross section: 4 mm<sup>2</sup>, cross section: 0.2 mm<sup>2</sup> - 6 mm<sup>2</sup>, color: blue

## STRUCTURED PRODUCT DATA

## Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

## Classification &amp; Catalog Path

|              |                               |
|--------------|-------------------------------|
| Catalog path | PHOENIX CONTACT > Modular TBs |
|--------------|-------------------------------|

## Additional Product Information

Technical dataProduct propertiesProduct type Terminal plug

Area of application Railway industry

Machine building

Plant engineering

Number of positions 1

Pitch 6.2 mm

Number of connections 1

Number of rows 1

Potentials 1

Data management status

Article revision 01

Insulation characteristics

Overvoltage category III

Degree of pollution 3

Electrical properties Rated surge voltage 8 kV

Maximum power dissipation for nominal condition 1.02 W

Connection data Number of connections per level 1

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

1st level connection left

Stripping length 10 mm ... 12 mm

Internal cylindrical gage A4

Connection in acc. with standard IEC 61984

Conductor cross section rigid 0.2 mm<sup>2</sup> ... 6 mm<sup>2</sup>

Cross section AWG 24 ... 10 (converted acc. to IEC)

Conductor cross section flexible 0.2 mm<sup>2</sup> ... 4 mm<sup>2</sup>

Conductor cross section, flexible [AWG] 24 ... 12 (converted acc. to IEC)

Conductor cross-section flexible (ferrule without plastic sleeve) 0.25 mm<sup>2</sup> ... 4 mm<sup>2</sup>

Flexible conductor cross section (ferrule with plastic sleeve) 0.25 mm<sup>2</sup> ... 4 mm<sup>2</sup>

2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve 0.5 mm<sup>2</sup> ... 1 mm<sup>2</sup>

Nominal current 32 A

Maximum load current 32 A (with 6 mm<sup>2</sup> conductor cross section)

Nominal voltage 800 V

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

1st level connection left Connection cross sections directly pluggable

Conductor cross section rigid 0.5 mm<sup>2</sup> ... 6 mm<sup>2</sup>

Conductor cross-section flexible (ferrule without plastic sleeve) 0.5 mm<sup>2</sup> ... 4 mm<sup>2</sup>

Flexible conduct...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PP-H 4/ 1-R BU 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

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