

## INDUSTRIAL COMPONENT DATA

# PT 4/1P BU 3212007 PHOENIX CONTACT Feed-through terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: PT 4/1P BU



|                 |                             |
|-----------------|-----------------------------|
| Manufacturer    | PHOENIX CONTACT             |
| MPN / Reference | PT 4/1P BU                  |
| Catalog number  | 3212007                     |
| Category        | Feed-through terminal block |
| Minimum order   | 50 Pcs                      |
| Document ID     | EO-860D2F107A               |
| Generated       | 2026-08-03                  |

## Product Overview

Feed-through terminal block

Feed-through terminal, nominal voltage: 800 V, nominal current: 32 A, number of connections: 2, connection type: Push-in connection / plug-in connection, Dimensioning cross-section: 4 mm<sup>2</sup>, cross-section: 0.2 mm<sup>2</sup> - 6 mm<sup>2</sup>, installation class: NS 35/7.5, NS 35/15, colour: blue

## 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 3212007

Packing unit 50 pc

Minimum order quantity 50 pc

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GTIN 4046356482899

Weight per Piece (excluding packing) 7.930 g

Custom tariff number 85369010

Country of origin PL (Poland)

General

Number of levels 1

Number of connections 2

**Potentials 1**

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

Color blue

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 Yes

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 protection for rail vehicles....

**REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW**

Send PHOENIX CONTACT / PT 4/1P 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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