

## INDUSTRIAL COMPONENT DATA

## PTFIX 4/12X1,5-G BN 1046976 PHOENIX CONTACT

Distribution block, nom. voltage: 450 V, nominal current: 17.5 A..

Brand: PHOENIX CONTACT | Manufacturer Part Number: PTFIX 4/12X1,5-G BN



|                 |                             |
|-----------------|-----------------------------|
| Manufacturer    | PHOENIX CONTACT             |
| MPN / Reference | PTFIX 4/12X1,5-G BN         |
| Catalog number  | 1046976                     |
| Category        | Feed-through terminal block |
| Minimum order   | 20 Pcs                      |
| Document ID     | EO-2CA7DCE705               |
| Generated       | 2026-08-03                  |

## Product Overview

Distribution block, nom. voltage: 450 V, nominal current: 17.5 A, connection method: Push-in connection, Push-in connection, number of connections: 13, cross section: 0.14 mm<sup>2</sup> - 2.5 mm<sup>2</sup>, AWG: 26 - 14, width: 31.4 mm, height: 18.7 mm, color: brown, mounting type: adhesive

Distribution block, rated current: 41 A, number of connections: 13, connection type: Push-in connection, Collective connection, Dimensioning section: 4 mm<sup>2</sup>, section: 0.2 mm<sup>2</sup> - 6 mm<sup>2</sup>, Branch, section: 0.14 mm<sup>2</sup> - 2.5 mm<sup>2</sup>, mounting type: glue, color: brown

## 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 > FIX block System

## Additional Product Information

Key Commercial Data

Orderkey 1046976

Packing unit 1 pc

Minimum order quantity 20 pc

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GTIN 4055626669014

Weight per Piece (excluding packing) 0.000 g

Custom tariff number 85369010

Country of origin PL (Poland)

Drawings

Dimensions

Standards and Regulations

General

Connection data

Classifications

Drawings

Circuit diagram

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Number of levels 1

Number of connections 13

Nominal cross section 1.5 mm<sup>2</sup>

Nominal cross section feed-in 4 mm<sup>2</sup>

Color brown

Insulating material PA

Flammability rating according to UL 94 V0

Rated surge voltage 6 kV

Degree of pollution 3

Overvoltage category III

Insulating material group I

Maximum load current 22 A (with a 2.5 mm<sup>2</sup> conductor cross section)

Maximum total current 32 A

Nominal current I<sub>N</sub> 17.5 A

Nominal voltage U<sub>N</sub> 450 V

Maximum load current 41 A (with 6 mm<sup>2</sup> conductor connection)

Maximum total current 41 A

Nominal current I<sub>N</sub> 41 A

Open side panel No

Result of thermal test Test passed

Proof of thermal characteristics (needle flame) effective duration 30 s

Oscillation, broadband noise test result Test passed

Test specification, oscillation, broadband noise DIN EN 50155 (VDE 0115-200):2018-05

Test spectrum Service life test category 2, bogie-mounted

Test frequency f<sub>1</sub>= 5 Hz to f<sub>2</sub>= 250 Hz

ASD level 6.12 (m/s<sup>2</sup>)<sup>2</sup>/Hz

Acceleration 3.12 g

Test duration per axis 5 h

Test directions X-, Y- and Z-axis

Shock test result Test passed

Test specification, shock test DIN EN 50155 (VDE 0115-200):2018-05

Shock form Half-sine....

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PTFIX 4/12X1,5-G BN 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 Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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