

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	2026-08-04

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 mm² - 2.5 mm², 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 mm², section: 0.2 mm² - 6 mm², Branch, section: 0.14 mm² - 2.5 mm², 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

Catalog page Page 436 (C-1-2019)

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

[Back to top](#)[General](#)

Number of levels 1

Number of connections 13

Nominal cross section 1.5 mm²

Nominal cross section feed-in 4 mm²

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 mm² conductor cross section)

Maximum total current 32 A

Nominal current I_N 17.5 A

Nominal voltage U_N 450 V

Maximum load current 41 A (with 6 mm² conductor connection)

Maximum total current 41 A

Nominal current I_N 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 f₁= 5 Hz to f₂= 250 Hz

ASD level 6.12 (m/s²)²/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 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.