INDUSTRIAL COMPONENT DATA

PTFIX 4/12X1,5-G BK 1046979 PHOENIX CONTACT Distribution block, nom. voltage: 450 V, nominal current: 17.5 A..

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	PTFIX 4/12X1,5-G BK
Catalog number	1046979
Category	Feed-through terminal block
Minimum order	20 Pcs
Document ID	EO-89D4E6B26D
Generated	2026-11-19

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: black, mounting type: adhesive
Distribution block, rated current: 41 A, number of connections: 13, connection type: Push-in connection, Collective connection, Dimensioning cross-section: 4 mm², cross-section: 0.2 mm² - 6 mm², Branch, cross-section: 0.14 mm² - 2.5 mm², mounting type: glue, colour: black

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 1046979
Packing unit 1 pc
Minimum order quantity 20 pc
Catalog page Page 436 (C-1-2019)
GTIN 4055626669045
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 topGeneral
Number of levels 1
Number of connections 13
Nominal cross section 1.5 mm²
Nominal cross section feed-in 4 mm²
Color black
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 IN 17.5 A
Nominal voltage UN 450 V
Maximum load current 41 A (with 6 mm² conductor connection)
Maximum total current 41 A
Nominal current IN 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 BK 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

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