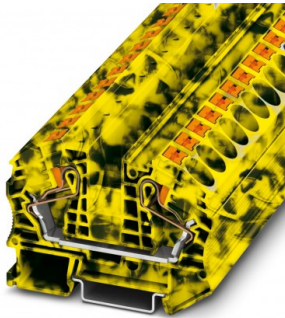


INDUSTRIAL COMPONENT DATA

PT 16 N-FE 1077090 PHOENIX CONTACT Terminal step, rated voltage: 1000 V, nominal current: 76 A, Connection t..

Brand: PHOENIX CONTACT | Manufacturer Part Number: PT 16 N-FE



Manufacturer	PHOENIX CONTACT
MPN / Reference	PT 16 N-FE
Catalog number	1077090
Category	Feed-through terminal block
Minimum order	50 Pcs
Document ID	EO-3131748F20
Generated	2026-08-04

Product Overview

Terminal step, rated voltage: 1000 V, nominal current: 76 A, Connection type: Connection push-in connection, number of connections: 2, section: 0.5 mm²-25 mm², AWG: 20-4, width: 12,2 mm, color: black/yellow, type of mounting: NS 35/7,5, NS 35/15

Feed-through terminal, nominal voltage: 1000 V, nominal current: 76 A, number of connections: 2, connection type: Push-in connection, Dimensioning cross-section: 16 mm², cross-section: 0.5 mm² - 25 mm², mounting class: NS 35/7.5, NS 35/15, color: black/yellow

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

Technical dataItem PropertiesProduct Type Pass-through terminal

Field of Employment Railway industry

Machine building

Plant construction

Number of connections 2

Number of rows 1

Data Maintenance Status

Article Review 06

Insulation Properties

Surge Category Iii

Degree of pollution 3

Electrical PropertiesDimensioning Transient Voltage 8 kV

Maximum Dissipated Power with Nominal Condition 2.43 W

Connection dataNumber of connections per floor 2

Nominal Section 16 mm²

Peel Length 18 mm ... 20 mm

Male Gauge A7

Standard-compliant connection IEC 60947-7-1

Rigid conductor section 0.5 mm² ... 25 mm²

AWG Conductor Section 20 ... 4 (Converted according to IEC)

Flexible conductor section 0.5 mm² ... 25 mm²

Flexible Wire Section [AWG] 20 ... 4 (Converted according to IEC)

Flexible cable section (toe cap without plastic sleeve) 0.5 mm² ... 16 mm²

Flexible cable section (toe cap with plastic sleeve) 0.5 mm² ... 16 mm²

2 conductors with the same cross-section, flexible with TWIN toe cap with plastic sleeve 1.5 mm² ... 4 mm²

Nominal current 76 A

Maximum Charging Current 85 A (with rigid 25 mm² cable cross-section)

Nominal voltage 1000 V

Nominal Section 16 mm²

Directly pluggable connection section

Rigid conductor section 2.5 mm² ... 25 mm²

Flexible cable section (toe cap without plastic sleeve) 2.5 mm² ... 16 mm²

Flexible cable section (toe cap with plastic sleeve) 2.5 mm² ... 16 mm²

Ex DataDimensioning data (ATEX/IECEx)

Marked ? II 2 GD Ex eb IIC Gb

Operating Temperature Range (1) -60 °C ... 8...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PT 16 N-FE 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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