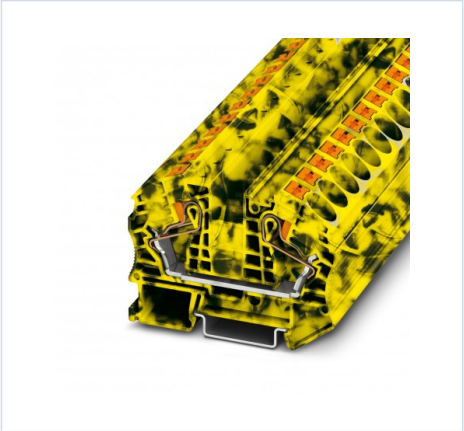
INDUSTRIAL COMPONENT DATA

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-BF318FB725
Generated	2026-11-18

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

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.