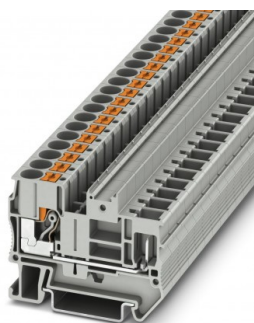


INDUSTRIAL COMPONENT DATA

PT 6/1P 3061758 PHOENIX CONTACT Feed-through terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: PT 6/1P



Manufacturer	PHOENIX CONTACT
MPN / Reference	PT 6/1P
Catalog number	3061758
Category	Feed-through terminal block
Minimum order	50 Pcs
Document ID	EO-BDF333CE1F
Generated	2026-08-03

Product Overview

Feed-through terminal block

Feed-through terminal, nominal voltage: 1000 V, nominal current: 41 A, number of connections: 2, connection type: Push-in connection / plug-in connection, Dimensioning cross-section: 6 mm², cross-section: 0.5 mm² - 10 mm², installation class: NS 35/15, NS 35/7.5, colour: grey

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
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Additional Product Information

Key Commercial Data

Orderkey 3061758

Packing unit 50 pc

Minimum order quantity 50 pc

Catalog page Page 303 (C-1-2017)

GTIN 4046356649216

Weight per Piece (excluding packing) 12.310 g

Custom tariff number 85369010

Country of origin CN (China)

General

Number of levels 1

Number of connections 2

Potentials 1

Nominal cross section 6 mm²

Color gray

Insulating material PA

Flammability rating according to UL 94 V0

Area of application Railway industry

Machine building

Plant engineering

Rated surge voltage 8 kV

Degree of pollution 3

Overvoltage category III

Insulating material group I

Maximum power dissipation for nominal condition 1.31 W

Maximum load current 41 A (with 6 mm² conductor cross section)

Nominal current I_N 41 A

Nominal voltage U_N 1000 V

Open side panel Yes

Insertion/withdrawal cycles mechanical 100

Result of surge voltage test Test passed

Surge voltage test setpoint 9.8 kV

Result of power-frequency withstand voltage test Test passed

Power frequency withstand voltage setpoint 4.26 kV

Result of tight fit on support Test passed

Tight fit on carrier NS 35

Setpoint 5 N

Short circuit stability result Test passed

Conductor cross section short circuit testing 6 mm²

Short-time current 0.72 kA

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):2008-03

Test spectrum Service life test category 1, clas...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PT 6/1P 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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