INDUSTRIAL COMPONENT DATA

# PT 6 BK 3211814 PHOENIX CONTACT Feed-through terminal block

**Brand: PHOENIX CONTACT | Manufacturer Part Number: PT 6 BK**



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|---|---|
| Manufacturer | PHOENIX CONTACT |
| MPN / Reference | PT 6 BK |
| Catalog number | 3211814 |
| Category | Feed-through terminal block |
| Minimum order | 50 Pcs |
| Document ID | EO-010B45E11D |
| Generated | 2026-11-18 |

## 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, Sizing cross-section: 6 mm², cross-section: 0.5 mm² - 10 mm², mounting class: NS 35/7.5, NS 35/15, color: black
Feed-through terminal block, nom. voltage: 1000 V, nominal current: 41 A, number of connections: 2, connection method: Push-in connection, Rated cross section: 6 mm2, cross section: 0.5 mm2 - 10 mm2, mounting type: NS 35/7,5, NS 35/15, color: black

STRUCTURED PRODUCT DATA

## Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

## Classification & Catalog Path

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|---|---|
| Catalog path | PHOENIX CONTACT > Modular TBs |

## Additional Product Information

Technical dataProduct propertiesProduct type Feed-through terminal block
Number of connections 2
Number of rows 1
Potentials 1
Data management status
Article revision 04
Insulation characteristics
Overvoltage category III
Degree of pollution 3

Electrical propertiesRated surge voltage 8 kV
Maximum power dissipation for nominal condition 1.31 W
Connection dataNumber of connections per level 2
Nominal cross section 6 mm²
Stripping length 10 mm ... 12 mm
Internal cylindrical gage A5
Connection in acc. with standard IEC 60947-7-1
Conductor cross section rigid 0.5 mm² ... 10 mm²
Cross section AWG 20 ... 8 (converted acc. to IEC)
Conductor cross section flexible 0.5 mm² ... 10 mm²
Conductor cross section, flexible [AWG] 20 ... 8 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve) 0.5 mm² ... 6 mm²
Flexible conductor cross section (ferrule with plastic sleeve) 0.5 mm² ... 6 mm²
2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve 0.5 mm² ... 2.5 mm² When using TWIN ferrules, we recommend a minimum ferrule length of 13 mm.
Nominal current 41 A
Maximum load current 52 A (with 10 mm² conductor cross section, rigid)
Nominal voltage 1000 V
Nominal cross section 6 mm²
Connection cross sections directly pluggable
Conductor cross section rigid 1 mm² ... 10 mm²
Conductor cross-section flexible (ferrule without plastic sleeve) 1 mm² ... 6 mm²
Flexible conductor cross section (ferrule with plastic sleeve) 1 mm² ... 6 mm...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PT 6 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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