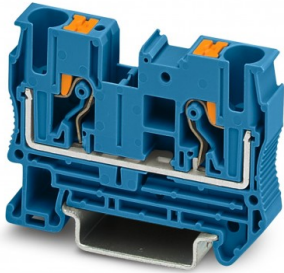


INDUSTRIAL COMPONENT DATA

PT 6 BU 3211819 PHOENIX CONTACT Feed-through terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: PT 6 BU



Manufacturer	PHOENIX CONTACT
MPN / Reference	PT 6 BU
Catalog number	PT 6 BU
Category	Feed-through terminal block
Minimum order	1 unit
Document ID	EO-350491664D
Generated	2026-07-31

Product Overview

Feed-through terminal block

Feed-through, nominal voltage: 1000 V, nominal current: 41 A, number of connections: 2, number of poles: 1, connection type: Push-in connection, Dimensioning cross-section: 6 mm², cross-section: 0.5 mm² - 10 mm², mounting class: NS 35/7.5, NS 35/15, colour: blue

STRUCTURED PRODUCT DATA

Technical Specifications

TECHNICAL ATTRIBUTE	VALUE
Connectable conductor cross section fine-strand without cable end sleeve (EF007341)	0.5 mm ²
Connectable conductor cross section fine-strand with cable end sleeve (EF007339)	0.5 mm ²
Connectable conductor cross section solid-core (EF007337)	0.5 mm ²
Rated current I _n (EF008250)	41 A
Rated voltage (EF000228)	1000 V
Type of electrical connection 1 (EF002526)	Other
Type of electrical connection 2 (EF002527)	Other
Number of clamp positions per level (EF002660)	2
Suitable for conductor material (EF012572)	Aluminium/copper
Mounting method (EF000003)	DIN rail (top hat rail) 35 mm
Material insulation body (EF007543)	Other
Operating temperature (EF002393)	-60 °C
Inflammability class of insulation material according to UL94 (EF002521)	V0

CONTINUED

Technical Specifications

TECHNICAL ATTRIBUTE	VALUE
Width (EF000008)	8.2 mm
Height (EF000040)	57.7 mm
Depth (EF000049)	42.2 mm
Closing plate required (EF002525)	Yes
Colour (EF000007)	Blue
Internally connected stages (EF002661)	Yes

Classification & Catalog Path

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

Additional Product Information

Key Commercial Data

Orderkey 3211819

Packing unit 50 pc

Minimum order quantity 50 pc

Catalog page Page 105 (C-1-2017)

GTIN 4046356494663

Weight per Piece (excluding packing) 15.850 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 blue

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 52 A (with 10 mm² conductor cross section)

Nominal current IN 41 A

Nominal voltage UN 1000 V

Open side panel Yes

Relative insulation material temperature index (Elec., UL 746 B) 130 °C

Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21)) 130 °C

Static insulating material application in cold -60 °C

Behavior in fire for rail vehicles (DIN 5510-2) Test passed

Flame test method (DIN EN 60695-11-10) V0

Oxygen index (DIN EN....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PT 6 BU 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.