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-C1F1884BDD
Generated	2026-11-18

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 mm²**
Connectable conductor cross section fine-strand with cable end sleeve (EF007339)	**0.5 mm²**
Connectable conductor cross section solid-core (EF007337)	**0.5 mm²**
Rated current In (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**

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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

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