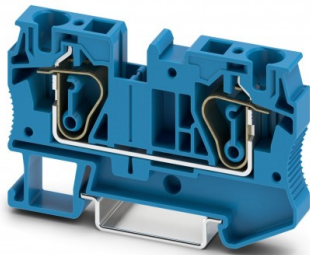


INDUSTRIAL COMPONENT DATA

ST 6 BU 3031490 PHOENIX CONTACT Feed-through terminal block

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	ST 6 BU
Catalog number	3031490
Category	Feed-through terminal block
Minimum order	50 Pcs
Document ID	EO-895248A5B2
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: Spring connection, Sizing cross-section: 6 mm², cross-section: 0.2 mm² - 10 mm², mounting class: NS 35/7.5, NS 35/15, color: blue

Feed-through terminal block, nom. voltage: 1000 V, nominal current: 41 A, number of connections: 2, connection method: Spring-cage connection, Rated cross section: 6 mm², cross section: 0.2 mm² - 10 mm², mounting type: NS 35/7,5, NS 35/15, color: blue

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 dataProduct propertiesProduct type Feed-through terminal block

Area of application Railway industry

Machine building

Plant engineering

Process industry

Number of connections 2

Number of rows 1

Potentials 1

Data management status

Article revision 10

Insulation characteristics

Overvoltage category III

Degree of pollution 3

Electrical properties Rated surge voltage 8 kV

Maximum power dissipation for nominal condition 1.31 W

Connection data Number of connections per level 2

Nominal cross section 6 mm²

Stripping length 12 mm

Internal cylindrical gage A5

Connection in acc. with standard IEC 60947-7-1

Conductor cross section rigid 0.2 mm² ... 10 mm²

Cross section AWG 24 ... 8 (converted acc. to IEC)

Conductor cross section flexible 0.2 mm² ... 6 mm²

Conductor cross section, flexible [AWG] 24 ... 10 (converted acc. to IEC)

Conductor cross-section flexible (ferrule without plastic sleeve) 0.25 mm² ... 6 mm²

Flexible conductor cross section (ferrule with plastic sleeve) 0.25 mm² ... 6 mm²

2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve 0.5 mm² ... 1.5 mm²

Nominal current 41 A

Maximum load current 52 A (with 10 mm² conductor cross section)

Nominal voltage 1000 V

Nominal cross section 6 mm²

Ex data Rated data (ATEX/IECEx)

Identification ? II 2 GD Ex eb IIC Gb

Operating temperature range -60 °C ... 110 °C

Ex-certified accessories 3030433 D-ST 6

3024481 ATP-ST 6

1204520 SZF 2-0,8X4,0

3022276 CLIPFIX 35-5

3022218 CLIPFIX 35

List of bridges P...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / ST 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

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