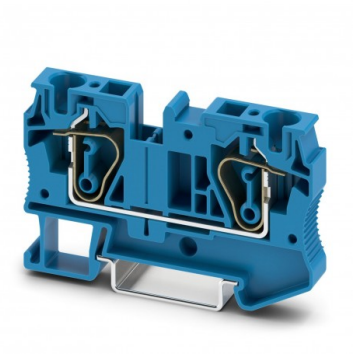
INDUSTRIAL COMPONENT DATA

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-61C4D5B815
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: 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 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 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 dataRated 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

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.