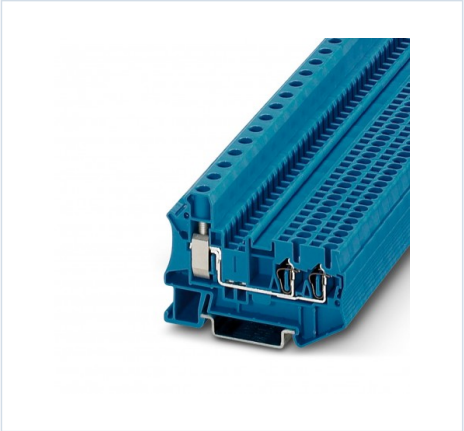
INDUSTRIAL COMPONENT DATA

STU 10/ 4X2,5 BU 3033142 PHOENIX CONTACT Potential collective terminal

Brand: PHOENIX CONTACT | Manufacturer Part Number: STU 10/ 4X2,5 BU



Manufacturer	PHOENIX CONTACT
MPN / Reference	STU 10/ 4X2,5 BU
Catalog number	3033142
Category	Feed-through terminal block
Minimum order	50 Pcs
Document ID	EO-B721A7AD96
Generated	2026-11-18

Product Overview

Potential collective terminal
Collective power terminal, nominal voltage: 800 V, nominal current: 55 A, number of connections: 5, connection type: Screw connection, Sizing cross-section: 10 mm², cross-section: 0.5 mm² - 16 mm², Spring connection, Sizing cross-section: 2.5 mm², cross-section: 0.08 mm² - 4 mm², mounting type: NS 35/7.5, NS 35/15, color: blue
Potential collective terminal, nom. voltage: 800 V, nominal current: 55 A, connection method: Screw connection, Rated cross section: 10 mm2, cross section: 0.5 mm2 - 16 mm2, connection method: Spring-cage connection, Rated cross section: 2.5 mm2, cross section: 0.08 mm2 - 4 mm2, mounting: 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 Hybrid terminal block
Number of connections 5
Number of rows 1
Potentials 1
Data management status
Article revision 06
Insulation characteristics
Overvoltage category III
Degree of pollution 3

Electrical propertiesRated surge voltage 8 kV
Maximum power dissipation for nominal condition 1.82 W
Connection dataNumber of connections per level 5
Nominal cross section 10 mm²
Screw thread M4
Tightening torque 1.5 ... 1.8 Nm
Stripping length 8 mm ... 10 mm
Internal cylindrical gage A6
Connection in acc. with standard IEC 60947-7-1
Conductor cross section rigid 0.5 mm² ... 16 mm²
Cross section AWG 20 ... 8 (converted acc. to IEC)
Conductor cross section flexible 0.5 mm² ... 16 mm²
Conductor cross section, flexible [AWG] 20 ... 6 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve) 0.5 mm² ... 10 mm²
Flexible conductor cross section (ferrule with plastic sleeve) 0.5 mm² ... 10 mm²
2 conductors with same cross section, solid 0.5 mm² ... 4 mm²
2 conductors with same cross section, flexible 0.5 mm² ... 4 mm²
2 conductors with same cross section, flexible, with ferrule without plastic sleeve 0.5 mm² ... 2.5 mm²
2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve 0.5 mm² ... 6 mm²
Nominal current 55 A
Maximum load current 57 A
Nominal voltage 800 V
Nominal cross section 10 mm²
Level 1 above 1+2
Stripping length 8 mm ... 10 mm
Internal cylindrical gage A3
Connection in acc...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / STU 10/ 4X2,5 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.