INDUSTRIAL COMPONENT DATA

STIO 2,5/4-3B/L 3209057 PHOENIX CONTACT Sensor/actuator terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: STIO 2,5/4-3B/L



Manufacturer	PHOENIX CONTACT
MPN / Reference	STIO 2,5/4-3B/L
Catalog number	3209057
Category	Sensor/actuator terminal block
Minimum order	50 Pcs
Document ID	EO-34BBBBD65D
Generated	2026-11-18

Product Overview

Sensor/actuator terminal block
Terminal block for detectors/actuators, nominal voltage: 250 V, nominal current: 18 A, number of connections: 5, connection type: Spring connection, Dimension cross-section: 2.5 mm², cross-section: 0.08 mm² - 4 mm², mounting class: NS 35/7.5, NS 35/15, colour: grey
Actuator/proximity sensor terminal block, nominal voltage: 250 V, nominal current: 18 A, number of connections: 5, connection type: Spring connection, Sizing cross-section: 2.5 mm2, cross-section: 0.08 mm2 - 4 mm2, mounting class: NS 35/7.5, NS 35/15, color: gray

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

Key Commercial Data
Orderkey 3209057
Packing unit 50 pc
Minimum order quantity 50 pc
Catalog page Page 161 (C-1-2017)
GTIN 4046356143301
Weight per Piece (excluding packing) 11.120 g
Custom tariff number 85369010
Country of origin TR (Turkey)

General
Number of levels 3
Number of connections 5
Nominal cross section 2.5 mm²
Color gray
Insulating material PA
Flammability rating according to UL 94 V0
Rated surge voltage 4 kV
Degree of pollution 3
Overvoltage category III
Insulating material group I
Maximum power dissipation for nominal condition 0.77 W (the value is multiplied when connecting multiple levels)
Connection in acc. with standard IEC 60947-7-1
Nominal current IN 18 A
Maximum load current 18 A (with 4 mm² conductor cross section)
Nominal voltage UN 250 V
Open side panel Yes
Shock protection test specification DIN EN 50274 (VDE 0660-514):2002-11
Back of the hand protection guaranteed
Finger protection guaranteed
Result of surge voltage test Test passed
Surge voltage test setpoint 4.8 kV
Result of power-frequency withstand voltage test Test passed
Power frequency withstand voltage setpoint 1.5 kV
Checking the mechanical stability of terminal points (5 x conductor connection) Test passed
Result of bending test Test passed
Bending test rotation speed 10 rpm
Bending test turns 135
Bending test conductor cross section/weight 0.08 mm² / 0.1 kg
2.5 mm² / 0.7 kg
4 mm² / 0.9 kg
Tensile test result Test passed
Conductor cross section tensile test 0.08 mm²
Tractive force setpoint...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / STIO 2,5/4-3B/L 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.