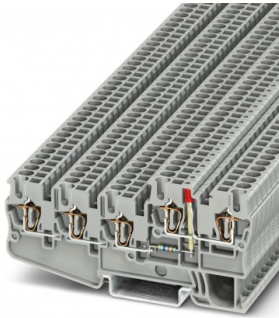


INDUSTRIAL COMPONENT DATA

STIO 2,5/4-3B/L-LA24RD/O-M 3209154 PHOENIX CONTACT

Sensor/actuator terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: STIO 2,5/4-3B/L-LA24RD/O-M



Manufacturer	PHOENIX CONTACT
MPN / Reference	STIO 2,5/4-3B/L-LA24RD/O-M
Catalog number	3209154
Category	Sensor/actuator terminal block
Minimum order	50 Pcs
Document ID	EO-6E93D726C8
Generated	2026-08-02

Product Overview

Sensor/actuator terminal block

Terminal block for detectors/actuators, nominal voltage: 24 V, nominal current: 18 A, connection type: Spring connection, Dimensioning 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: 24 V, nominal current: 18 A, number of connections: 4, 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
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Additional Product Information

Key Commercial Data

Orderkey 3209154

Packing unit 50 pc

Minimum order quantity 50 pc

Note Made to Order (non-returnable)

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GTIN 4046356143486

Weight per Piece (excluding packing) 12.470 g

Custom tariff number 85369010

Country of origin TR (Turkey)

General

Number of levels 3

Number of connections 4

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 I_N 18 AMaximum load current 18 A (with 4 mm² conductor cross section)Nominal voltage U_N 24 V (Light indicator, red)

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 ISO 4589-2) >32 %

NF F16-101, NF F10-102 Class I 2

NF F16-101, NF F10-102 Class F 2

Surface flammability NFPA 130 (ASTM E 162) passed

Specific optical density of smoke NFPA 130 (ASTM E 662) passed

Smoke gas toxicity NFPA 130 (SMP 800C) passed

Calorimetric heat release NFPA 130 (ASTM E 1354) 28 MJ/kg

Fire protection for....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / STIO 2,5/4-3B/L-LA24RD/O-M 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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