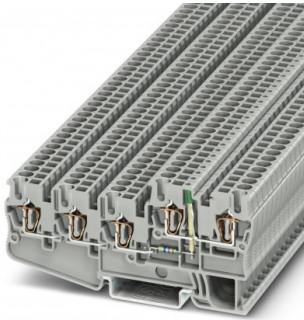


## INDUSTRIAL COMPONENT DATA

# STIO 2,5/4-3B/L-LA24GN/O-M 3209167 PHOENIX CONTACT

## Sensor/actuator terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: STIO 2,5/4-3B/L-LA24GN/O-M



|                 |                                |
|-----------------|--------------------------------|
| Manufacturer    | PHOENIX CONTACT                |
| MPN / Reference | STIO 2,5/4-3B/L-LA24GN/O-M     |
| Catalog number  | 3209167                        |
| Category        | Sensor/actuator terminal block |
| Minimum order   | 50 Pcs                         |
| Document ID     | EO-42B198828A                  |
| 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 mm<sup>2</sup>, cross-section: 0.08 mm<sup>2</sup> - 4 mm<sup>2</sup>, mounting class: NS 35/7.5, NS 35/15, colour: grey  
Initiator/actuator terminal block, nom. voltage: 24 V, nominal current: 18 A, number of connections: 5, connection method: Spring-cage connection, Rated cross section: 2.5 mm<sup>2</sup>, cross section: 0.08 mm<sup>2</sup> - 4 mm<sup>2</sup>, mounting type: 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

Technical dataProduct propertiesProduct type Sensor/actuator terminal block

Number of connections 5

Number of rows 3

Data management status

Article revision 02

Insulation characteristics

Overvoltage category III

Degree of pollution 3

Electrical propertiesRated surge voltage 4 kV

Maximum power dissipation for nominal condition 0.77 W

LED voltage range 15 V DC ... 30 V DC  
LED current range 1 mA ... 2.5 mA  
Input dataLED voltage range 15 V DC ... 30 V DC  
Connection dataNumber of connections per level 2  
Nominal cross section 2.5 mm<sup>2</sup>  
Stripping length 8 mm ... 10 mm  
Connection in acc. with standard IEC 60947-7-1  
Conductor cross section rigid 0.08 mm<sup>2</sup> ... 4 mm<sup>2</sup>  
Cross section AWG 28 ... 12 (converted acc. to IEC)  
Conductor cross section flexible 0.08 mm<sup>2</sup> ... 2.5 mm<sup>2</sup>  
Conductor cross section, flexible [AWG] 28 ... 14 (converted acc. to IEC)  
Conductor cross-section flexible (ferrule without plastic sleeve) 0.14 mm<sup>2</sup> ... 2.5 mm<sup>2</sup>  
Flexible conductor cross section (ferrule with plastic sleeve) 0.14 mm<sup>2</sup> ... 2.5 mm<sup>2</sup>  
2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve 0.5 mm<sup>2</sup>  
Nominal current 18 A  
Maximum load current 18 A (with 4 mm<sup>2</sup> conductor cross section)  
Nominal voltage 24 V (Light indicator, green)  
Nominal cross section 2.5 mm<sup>2</sup>  
DimensionsWidth 5.2 mm  
End cover width 2.2 mm  
Material specificationsColor gray (RAL 7042)  
Flammability rating according to UL 94 V0  
Insulating material group I  
Insulating material PA  
Static insulating material application in co...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / STIO 2,5/4-3B/L-LA24GN/O-M with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://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.