INDUSTRIAL COMPONENT DATA

STIO 2,5/3-PE/B/L-DIO/M-O 3209219 PHOENIX CONTACT Sensor/actuator terminal block

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	STIO 2,5/3-PE/B/L-DIO/M-O
Catalog number	3209219
Category	Sensor/actuator terminal block
Minimum order	1 Pcs
Document ID	EO-48B587AF37
Generated	2026-11-19

Product Overview

Sensor/actuator terminal block
Terminal block for detectors/actuators, with integrated diode, 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

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 3209219
Packing unit 50 pc
Note Made to Order (non-returnable)
GTIN 4046356368384
Weight per Piece (excluding packing) 11.600 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/IEC 60947-7-2
Nominal current IN 18 A
Maximum load current 18 A (with 4 mm² conductor cross section)
Nominal voltage UN 24 V (Light indicator, green)
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 rail vehicles (DIN EN 45545-2) R22 HL 1 - HL 3...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / STIO 2,5/3-PE/B/L-DIO/M-O 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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