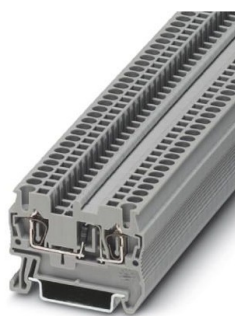


## INDUSTRIAL COMPONENT DATA

# ST 2,5-DIO/L-R 3036262 PHOENIX CONTACT Component terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: ST 2,5-DIO/L-R



|                 |                          |
|-----------------|--------------------------|
| Manufacturer    | PHOENIX CONTACT          |
| MPN / Reference | ST 2,5-DIO/L-R           |
| Catalog number  | 3036262                  |
| Category        | Component terminal block |
| Minimum order   | 50 Pcs                   |
| Document ID     | EO-BF3E27EAF2            |
| Generated       | 2026-07-31               |

## Product Overview

Component terminal block

Terminal block for components, with integrated diode, nominal voltage: 800 V, nominal current: 0.5 A, connection type: Spring connection, Dimensioning cross-section: 1 mm<sup>2</sup>, cross-section: 0.08 mm<sup>2</sup> - 4 mm<sup>2</sup>, mounting: 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 3036262

Packing unit 50 pc

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GTIN 4017918821104

Weight per Piece (excluding packing) 6.410 g

Custom tariff number 85369010

Country of origin PL (Poland)

General

Number of levels 1

Number of connections 2

Potentials 1

Nominal cross section 2.5 mm<sup>2</sup>  
Color gray  
Insulating material PA  
Flammability rating according to UL 94 V0  
Maximum load current the maximum current is determined by the diode  
Rated surge voltage 8 kV  
Degree of pollution 3  
Overvoltage category III  
Insulating material group I  
Maximum power dissipation for nominal condition 0.77 W  
Maximum load current 0.5 A (the maximum current is determined by the diode)  
Nominal current I<sub>N</sub> 0.5 A  
Nominal voltage U<sub>N</sub> 800 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 9.8 kV  
Result of power-frequency withstand voltage test Test passed  
Power frequency withstand voltage setpoint 2 kV  
Result of the test for 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 mm<sup>2</sup> / 0.1 kg  
2.5 mm<sup>2</sup> / 0.7 kg  
4 mm<sup>2</sup> / 0.9 kg  
Tensile test result Test passed  
Conductor cross section tensile test 0.08 mm<sup>2</sup>  
Tractive force setpoint 5 N  
Conductor cross section ten...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / ST 2,5-DIO/L-R 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

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