

INDUSTRIAL COMPONENT DATA

MSDBV 2,5 3249143 PHOENIX CONTACT Mini feed-through terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: MSDBV 2,5



Manufacturer	PHOENIX CONTACT
MPN / Reference	MSDBV 2,5
Catalog number	3249143
Category	Feed-through terminal block
Minimum order	50 Pcs
Document ID	EO-5D75ED7F88
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Product Overview

Mini feed-through terminal block

Mini-terminal block, nominal voltage: 800 V, nominal current: 24 A, number of connections: 4, connection type: Spring connection, 1st floor, Dimensioning cross-section: 2.5 mm², cross-section: 0.08 mm² - 4 mm², mounting class: NS 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
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Additional Product Information

Key Commercial Data

Orderkey 3249143

Packing unit 50 pc

Minimum order quantity 50 pc

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GTIN 4046356165860

Weight per Piece (excluding packing) 3.830 g

Custom tariff number 85369010

Country of origin CN (China)

General

Number of levels 1

Number of connections 4

Potentials 2

Nominal cross section 2.5 mm²

Color gray

Insulating material PA

Flammability rating according to UL 94 V0

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 30 A (with 4 mm² conductor cross section)

Nominal current I_N 24 A

Nominal voltage U_N 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 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 5 N

Conductor cross section tensile test 2.5 mm²

Tractive force setpoint 50 N

Conduct...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MSDBV 2,5 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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