INDUSTRIAL COMPONENT DATA

MSDBV 2,5-F 3249172 PHOENIX CONTACT Double-mini flange terminal block

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	MSDBV 2,5-F
Catalog number	3249172
Category	Accessories/spare parts for terminals
Minimum order	50 Pcs
Document ID	EO-FA70760686
Generated	2026-11-18

Product Overview

Double-mini flange terminal block
Double-terminal with flange, rated voltage: 800 V, rated current: 24 A, number of connections: 4, connection type: Spring connection, 1st floor, Sizing cross-section: 2.5 mm², cross-section: 0.08 mm² - 4 mm², mounting class: direct screwed, 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 3249172
Packing unit 50 pc
Minimum order quantity 50 pc
Catalog page Page 303 (C-3-2013)
GTIN 4046356166379
Weight per Piece (excluding packing) 3.120 g
Custom tariff number 85369010
Country of origin CN (China)
General
Number of levels 1
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 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 IN 24 A
Nominal voltage UN 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
Conductor cross sect...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MSDBV 2,5-F 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

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.