

INDUSTRIAL COMPONENT DATA

MSDB 2,5-M OG 3244287 PHOENIX CONTACT Mini feed-through terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: MSDB 2,5-M OG



Manufacturer	PHOENIX CONTACT
MPN / Reference	MSDB 2,5-M OG
Catalog number	3244287
Category	Feed-through terminal block
Minimum order	50 Pcs
Document ID	EO-1F552752C1
Generated	2026-08-02

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, installation type: Direct mounting with one flange, colour: orange

Mini feed-through terminal block, nom. voltage: 800 V, nominal current: 24 A, number of connections: 4, connection method: Spring-cage connection, 1 level, Rated cross section: 2.5 mm², cross section: 0.08 mm² - 4 mm², mounting type: Direct mounting with flange, color: orange

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 Miniature terminal block

Number of connections 4

Number of rows 1

Data management status

Article revision 06

Insulation characteristics

Overvoltage category III

Degree of pollution 3

Electrical propertiesRated surge voltage 8 kV

Maximum power dissipation for nominal condition 0.77 W

Connection data Number of connections per level 2

Nominal cross section 2.5 mm²

1 level

Stripping length 8 mm

Internal cylindrical gage A3

Connection in acc. with standard IEC 60947-7-1

Conductor cross section rigid 0.08 mm² ... 4 mm²

Cross section AWG 28 ... 12 (converted acc. to IEC)

Conductor cross section flexible 0.08 mm² ... 2.5 mm²

Conductor cross section, flexible [AWG] 28 ... 14 (converted acc. to IEC)

Conductor cross-section flexible (ferrule without plastic sleeve) 0.14 mm² ... 2.5 mm²

Flexible conductor cross section (ferrule with plastic sleeve) 0.14 mm² ... 2.5 mm²

2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve 0.5 mm²

Nominal current 24 A

Maximum load current 30 A (with 4 mm² conductor cross section)

Nominal voltage 800 V

Nominal cross section 2.5 mm²

Connection in acc. with standard IEC/EN 60079-7

Ex data Rated data (ATEX/IECEx)

Identification ? II 2 G Ex eb IIC Gb

Operating temperature range -60 °C ... 110 °C

Ex-certified accessories 3024177 D-MZB 1,5

3024180 D-MSB 1,5-F

1204517 SZF 1-0,6X3,5

List of bridges Insertion bridge / ESB 2-MZDB / 3029703

Bridge data 21 A / 2.5 mm²

Ex temperature increa...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MSDB 2,5-M OG 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.