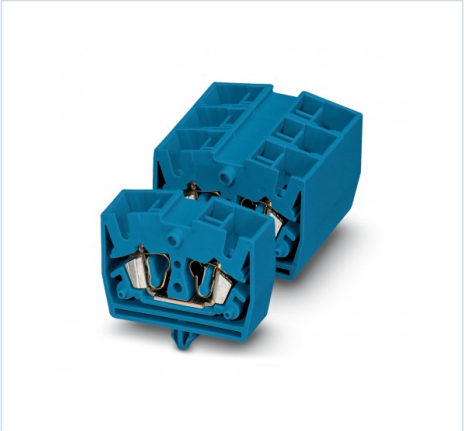
INDUSTRIAL COMPONENT DATA

MSDB 2,5-RZ BU 3244342 PHOENIX CONTACT Mini feed-through terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: MSDB 2,5-RZ BU



Manufacturer	PHOENIX CONTACT
MPN / Reference	MSDB 2,5-RZ BU
Catalog number	3244342
Category	Feed-through terminal block
Minimum order	50 Pcs
Document ID	EO-516A7D112E
Generated	2026-11-18

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: On mounting plate, colour: blue
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: on mounting panel, color: blue

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 05
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 dataNumber 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 dataRated 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-RZ BU 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.