INDUSTRIAL COMPONENT DATA

# MSB 2,5-F 3244041 PHOENIX CONTACT Mini feed-through terminal block, Connection method: Spring-cage connectio..

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



| | |
|---|---|
| Manufacturer | PHOENIX CONTACT |
| MPN / Reference | MSB 2,5-F |
| Catalog number | 3244041 |
| Category | Feed-through terminal block |
| Minimum order | 50 Pcs |
| Document ID | EO-2ED08B5FAB |
| Generated | 2026-11-18 |

## Product Overview

Mini feed-through terminal block, Connection method: Spring-cage connection, Cross section: 0.08 mm²
Mini-terminal block, nominal voltage: 800 V, nominal current: 24 A, number of connections: 2, 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: grey

STRUCTURED PRODUCT DATA

## Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

## Classification & Catalog Path

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|---|---|
| Catalog path | PHOENIX CONTACT > Modular TBs |

## Additional Product Information

General
Number of levels 1
Number of connections 2
Nominal cross section 2.5 mm²
Color gray
Insulating material PA
Flammability rating according to UL 94 V0
General
Rated surge voltage 8 kV
Pollution degree 3
Overvoltage category III
Insulating material group I

Connection in acc. with standard IEC 60947-7-1
Maximum load current 30 A (with 4 mm² conductor cross section)
Nominal current IN 24 A
Nominal voltage UN 800 V
Open side panel JA
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 section tensile test 4 mm²
Tractive force setpoint 60 N
Result of voltage-drop test Test passed
Requirements, voltage drop <= 3.2 mV
Result of temperature-rise test Test passed
Short circuit stability result Test passed
Conductor cross section short....

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MSB 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

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