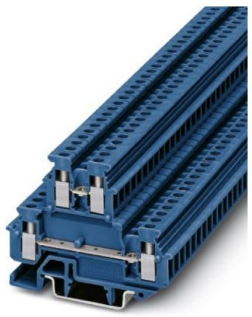
INDUSTRIAL COMPONENT DATA

MBKKB 2,5 BU 1414077 PHOENIX CONTACT Mini feed-through terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: MBKKB 2,5 BU



Manufacturer	PHOENIX CONTACT
MPN / Reference	MBKKB 2,5 BU
Catalog number	1414077
Category	Feed-through terminal block
Minimum order	50 Pcs
Document ID	EO-48696CA2FA
Generated	2026-11-18

Product Overview

Mini feed-through terminal block
Mini-terminal block, nominal voltage: 500 V, nominal current: 24 A, connection type: Screw connection, 1st and 2nd floor, Sizing cross-section: 2.5 mm², cross-section: 0.2 mm² - 4 mm², mounting class: NS 15, NS 35/7.5, NS 35/15, 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

Key Commercial Data
Orderkey 1414077
Packing unit 50 pc
Catalog page Page 530 (C-1-2017)
GTIN 4017918021320
Weight per Piece (excluding packing) 10.380 g
Custom tariff number 85369010
Country of origin CN (China)
General
Number of levels 2
Number of connections 4
Nominal cross section 2.5 mm²
Color blue

Insulating material PA
Flammability rating according to UL 94 V2
Rated surge voltage 6 kV
Degree of pollution 3
Overvoltage category III
Insulating material group I
Maximum power dissipation for nominal condition 0.77 W (the value is multiplied when connecting multiple levels)
Connection in acc. with standard IEC 60947-7-1
Nominal current IN 24 A
Maximum load current 24 A (with 4 mm² conductor cross section)
Nominal voltage UN 500 V
Open side panel Yes
Result of surge voltage test Test passed
Surge voltage test setpoint 7.3 kV
Result of power-frequency withstand voltage test Test passed
Power frequency withstand voltage setpoint 1.89 kV
Checking the 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 0.2 mm² / 0.2 kg
2.5 mm² / 0.7 kg
4 mm² / 0.9 kg
Tensile test result Test passed
Conductor cross section tensile test 0.2 mm²
Tractive force setpoint 10 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 tight fit...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MBKKB 2,5 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

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