

INDUSTRIAL COMPONENT DATA

UBAL 50 BK 1086469 PHOENIX CONTACT High-current terminal block, Terminal block for aluminum and copper condu..

Brand: PHOENIX CONTACT | Manufacturer Part Number: UBAL 50 BK



Manufacturer	PHOENIX CONTACT
MPN / Reference	UBAL 50 BK
Catalog number	1086469
Category	Feed-through terminal block
Minimum order	20 Pcs
Document ID	EO-F944772931
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Product Overview

High-current terminal block, Terminal block for aluminum and copper conductors (AL-CU), nom. voltage: 1000 V, nominal current: 145 A, connection method: Screw connection, number of connections: 2, number of positions: 1, cross section: 6 mm² - 50 mm², AWG: 6 - 1/0, width: 19.2 mm, height: 51 mm, color: black, mounting type: NS 35/15, NS 35/7,5
Current terminal, rated voltage: 1000 V, rated current: 145 A, number of connections: 2, number of poles: 1, connection type: Screw connection, Sizing cross-section: 50 mm², cross-section: 6 mm² - 50 mm², Sizing cross-section: 50 mm², cross-section: 4 mm² - 50 mm², mounting class: NS 35/15, NS 35/7.5, color: black

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 1086469

Packing unit 1 pc

Minimum order quantity 20 pc

Catalog page Page 583 (C-1-2019)

GTIN 4055626878058

Weight per Piece (excluding packing) 0.980 g

Custom tariff number 85369010

Country of origin EE (Estonia)

Drawings

Dimensions

Standards and Regulations

Classifications

General

Connection data

Environmental Product Compliance

Drawings

Circuit diagram

[Back to top](#)General

Note Terminal block for aluminum and copper conductors (AL-CU)

Number of positions 1

Number of levels 1

Number of connections 2

Potentials 1

Nominal cross section 50 mm²

Color black

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 II

Note The following values apply to aluminum conductors

Maximum load current 145 A (with 50 mm² conductor cross section)

Nominal current I_N 145 A

Nominal voltage U_N 1000 V

Note The following values apply to copper wires

Maximum load current 150 A (with 50 mm² conductor cross section)

Nominal current I_N 150 A

Nominal voltage U_N 1000 V

Open side panel No

[Back to top](#)Dimensions

Width 19.2 mm

Length 82.5 mm

Height 51 mm

Height NS 35/7,5 51 mm

Height NS 35/15 58.5 mm

[Back to top](#)Connection data

Note Screws with hexagonal socket

Connection method Screw connection

Screw thread M10

Stripping length 23 mm

Note The following values apply to aluminum conductors

Connection in acc. with standard IEC 61238-1

Conductor cross section solid min. 6 mm²

Cond...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / UBAL 50 BK 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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