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-A1161402AF
Generated	2026-11-19

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 topGeneral
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 IN 145 A
Nominal voltage UN 1000 V
Note The following values apply to copper wires
Maximum load current 150 A (with 50 mm² conductor cross section)
Nominal current IN 150 A
Nominal voltage UN 1000 V
Open side panel No
Back to topDimensions
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 topConnection 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

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.