INDUSTRIAL COMPONENT DATA

UBAL 50 1086465 PHOENIX CONTACT High-current terminal block, Terminal block for aluminum and copper conducto..

Brand: PHOENIX CONTACT | Manufacturer Part Number: UBAL 50



Manufacturer	PHOENIX CONTACT
MPN / Reference	UBAL 50
Catalog number	1086465
Category	Feed-through terminal block
Minimum order	20 Pcs
Document ID	EO-E819438CD6
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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: gray, mounting type: NS 35/15, NS 35/7,5
Current terminal, nominal voltage: 1000 V, nominal 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: gray

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 1086465
Packing unit 1 pc
Minimum order quantity 20 pc
Catalog page Page 583 (C-1-2019)
GTIN 4055626879208
Weight per Piece (excluding packing) 49.000 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 gray
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
Result of surge voltage test Test passed
Surge voltage test setpoint 8 kV
Power frequency withstand voltage setpoint 2.2 kV
Result of the test for mechanical stability of terminal points (5 x conductor connection) Test passed
Bending test conductor cross section/weight 2.5 mm² / 0.7 kg
50 mm² / 9.5 kg
Conductor cross section tensile test 2.5 mm²
Tractive force setpoint 50 N
Conductor cross...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / UBAL 50 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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