

INDUSTRIAL COMPONENT DATA

UBAL 240 FE 1086510 PHOENIX CONTACT High-current terminal block, Terminal block for aluminum and copper cond..

Brand: PHOENIX CONTACT | Manufacturer Part Number: UBAL 240 FE



Manufacturer	PHOENIX CONTACT
MPN / Reference	UBAL 240 FE
Catalog number	1086510
Category	Feed-through terminal block
Minimum order	5 Pcs
Document ID	EO-B02C07554C
Generated	2026-08-06

Product Overview

High-current terminal block, Terminal block for aluminum and copper conductors (AL-CU), nom. voltage: 1000 V, nominal current: 380 A, connection method: Screw connection, number of connections: 2, number of positions: 1, cross section: 35 mm² - 240 mm², AWG: 3/0 - 500, width: 37.5 mm, height: 70 mm, color: yellow, mounting type: Screw mounting

Current terminal, nominal voltage: 1000 V, nominal current: 380 A, number of connections: 2, number of poles: 1, connection type: Screw connection, Sizing cross-section: 240 mm², cross-section: 35 mm² - 240 mm², Sizing cross-section: 240 mm², cross-section: 35 mm² - 240 mm², mounting type: Screw-on mounting, color: yellow

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 1086510

Packing unit 1 pc

Minimum order quantity 5 pc

Catalog page Page 585 (C-1-2019)

GTIN 4055626879239

Weight per Piece (excluding packing) 280.000 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 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 240 mm²

Color yellow

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 380 A (with 240 mm² conductor cross section)

Nominal current I_N 380 A

Nominal voltage U_N 1000 V

Note The following values apply to copper wires

Maximum load current 415 A (with 240 mm² conductor cross section)

Nominal current I_N 415 A

Nominal voltage U_N 1000 V

Open side panel No

[Back to top](#)Dimensions

Width 37.5 mm

Length 130 mm

Height 70 mm

[Back to top](#)Connection data

Note Screws with hexagonal socket

Connection method Screw connection

Screw thread M20

Stripping length 43 mm

Note The following values apply to aluminum conductors

Connection in acc. with standard IEC 61238-1

Conductor cross section solid min. 35 mm²

Conductor cross section solid max. 240 mm²

Con...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / UBAL 240 FE 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.