

INDUSTRIAL COMPONENT DATA

EC 6 3240172 PHOENIX CONTACT Europe connectors

Brand: PHOENIX CONTACT | Manufacturer Part Number: EC 6



Manufacturer	PHOENIX CONTACT
MPN / Reference	EC 6
Catalog number	3240172
Category	Single- and multi-pole terminal strip
Minimum order	10 Pcs
Document ID	EO-8D5C3DA7A8
Generated	2026-09-22

Product Overview

Europe connectors

Europa terminal block made of polypropylene, white, for connecting rigid and flexible conductors with and without ferrules with a cross-section of 0.75 to 6 mm²

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 > CABINET add-on

Additional Product Information

Key Commercial Data

Orderkey 3240172

Packing unit 10 pc

Minimum order quantity 10 pc

Catalog page Page 602 (C-3-2017)

GTIN 4046356457798

Weight per Piece (excluding packing) 25.430 g

Custom tariff number 85369010

Country of origin AT (Austria)

General

Number of positions 12

Number of levels 1

Number of connections 24

Nominal cross section 6 mm²

Color white

Insulating material PP

Flammability rating according to UL 94 -

Ambient temperature (operation) -40 °C ... 80 °C

Maximum load current 41 A (with 6 mm² conductor cross section)

Nominal current I_N 41 A (with 6 mm² conductor cross section)

Nominal voltage U_N 450 V (Only use up to 250 V without securing.)

Open side panel No

Dimensions

Width 18.9 mm

Length 116.5 mm

Height 14.9 mm

Depth 18.9 mm

Drill hole spacing 10 mm

Pitch 10 mm

Connection data

Connection method Screw connection

Screw thread M3

Stripping length 6 mm

Tightening torque, min 0.5 Nm

Tightening torque max 0.6 Nm

Conductor cross section solid min. 0.75 mm²

Conductor cross section solid max. 6 mm²

Conductor cross section AWG min. 18

Conductor cross section AWG max. 10

Conductor cross section flexible min. 0.75 mm²

Conductor cross section flexible max. 6 mm²

Min. AWG conductor cross section, flexible 18

Max. AWG conductor cross section, flexible 10

Conductor cross section flexible, with ferrule without plastic sleeve min. 0.75 mm²

Conductor cross section flexible, with ferrule without plastic sleeve max. 4 mm²

Conductor cross section flexible, with ferrule with plasti...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / EC 6 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.