

INDUSTRIAL COMPONENT DATA

AI-TWIN 2X 2,5 -16 BU 1200281 PHOENIX CONTACT Ferrule

Brand: PHOENIX CONTACT | Manufacturer Part Number: AI-TWIN 2X 2,5-16 BU



Manufacturer	PHOENIX CONTACT
MPN / Reference	AI-TWIN 2X 2,5-16 BU
Catalog number	1200281
Category	Cable end sleeve
Minimum order	100 Pcs
Document ID	EO-5F09D507CD
Generated	2026-08-06

Product Overview

Ferrule

Toe cap, cuff length: 16 mm, length: 24.5 mm, color: blue

Ferrule, sleeve length: 21.5 mm, colour: blue

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 > Ferrules

Additional Product Information

Key Commercial Data

Orderkey 1200281

Packing unit 100 pc

Minimum order quantity 100 pc

Note Made to Order (non-returnable)

Catalog page Page 486 (C-3-2017)

GTIN 4055626351414

Weight per Piece (excluding packing) 0.420 g

Custom tariff number 85369010

Country of origin DE (Germany)

Dimensions

Length (b) 24.5 mm

Sleeve length 16 mm

Inner dimension of the insulating collar (d) 4.2 mm

Ferrule diameter 2.9 mm

Insulating collar thickness 0.3 mm

Sleeve wall thickness 0.2 mm

Ambient conditions

Short-term temperature 120 °C

Max. permanent temperature 105 °C (-40°C no load / 0°C dynamic load)

General

Color blue

Components free from silicone and halogen

Flammability rating according to UL 94 HB

Material CU-DHP

Coating tin-plated (galvanic)

Standards and Regulations

Flammability rating according to UL 94 HB

Design according to standard DIN 46228-4:2017-05

Environmental Product Compliance

China RoHS Environmentally friendly use period: unlimited = EFUP-e

No hazardous substances above threshold values

Classifications

eCl@ss 4.027060701eCl@ss 4.127060701eCl@ss 5.027400201eCl@ss 5.127400200eCl@ss 6.027400200eCl@ss
7.027400201eCl@ss 9.027400201

ETIM 2.0EC000005ETIM 3.0EC000005ETIM 4.0EC000005ETIM 6.0EC000005

UNSPSC 6.0130212109UNSPSC 7.090127121703UNSPSC 1127121703UNSPSC 12.0127121703UNSPSC
13.227121703

ETIM for 1200281 Cable terminations and insulation products (EC000005)

Feature Name

Feature Value

Construction type (EF000767)

Twin cable end sleeve

Nominal cross section (EF001335)

2.5 mm²

Sl...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / AI-TWIN 2X 2,5-16 BU 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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