

INDUSTRIAL COMPONENT DATA

AI 2,5 -12 BU 3200962 PHOENIX CONTACT Ferrule

Brand: PHOENIX CONTACT | Manufacturer Part Number: AI 2,5-12 BU



Manufacturer	PHOENIX CONTACT
MPN / Reference	AI 2,5-12 BU
Catalog number	3200962
Category	Cable end sleeve
Minimum order	100 Pcs
Document ID	EO-9E03205560
Generated	2026-08-03

Product Overview

Ferrule

Toe cap, cuff length: 12 mm, length: 18 mm, color: blue

Ferrule, sleeve length: 18 mm, color: 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

Technical dataProduct propertiesProduct type Cable end sleeve

Conductor category stranded conductors, class 2, 5, 6 / B, C, K, M

Data management status

Article revision 05

Connection dataConductor connection

Conductor cross section flexible max. 2.5 mm²

Conductor cross section AWG max. 14

Stripping length 15 mm

DimensionsDimensional drawing

Sleeve length 18 mm

Length contact range 12 mm

Maximum stripping length 15 mm

Ferrule diameter 2.3 mm

Sleeve wall thickness 0.15 mm

Insulating collar thickness 0.3 mm
Inner dimensions of the insulating collar 4.2 mm
Material specificationsColor blue (RAL 5015)
Material CU-DHP
Flammability rating according to UL 94 HB
Coating tin-plated (galvanic)
Surface characteristics Tin-plated
Components free from silicone and halogen
Mechanical propertiesTechnical data
Sleeve length 18 mm
Environmental and real-life conditionsAmbient conditions
Permanent temperature 105 °C (-40 °C no load / 0 °C dynamic load)
Short-term temperature 120 °C
Standards and regulationsDesign according to standard DIN 46228-4
UL 486F-E
ETIM for 3200962 Cable terminations and insulation products (EC000005)
Feature Name
Feature Value
Construction type (EF000767)
Standard
Nominal cross section (EF001335)
2.5 mm²
Sleeve length (EF000014)
18 mm
Insulated (EF000019)
Yes
Material insulation (EF008118)
Other
Halogen free (EF000025)
Yes
Colour (EF000007)
Blue
Surface protection (EF000139)
Other
For cables resistant to short circuit (EF001713)
No
With identification flag (EF007954)....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / AI 2,5-12 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

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.