

INDUSTRIAL COMPONENT DATA

AI 25 -16 BK 3200412 PHOENIX CONTACT Ferrule

Brand: PHOENIX CONTACT | Manufacturer Part Number: AI 25-16 BK



Manufacturer	PHOENIX CONTACT
MPN / Reference	AI 25-16 BK
Catalog number	3200412
Category	Cable end sleeve
Minimum order	50 Pcs
Document ID	EO-D44E5FA3BA
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Product Overview

Ferrule

Toe cap, cuff length: 16 mm, length: 30 mm, colour: black

Ferrule, sleeve length: 30 mm, color: black

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
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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 06

Connection dataConductor connection

Conductor cross section flexible max. 25 mm²

Conductor cross section AWG max. 4

Stripping length 20 mm

DimensionsDimensional drawing

Sleeve length 30 mm

Length contact range 16 mm

Maximum stripping length 20 mm

Ferrule diameter 7.3 mm

Sleeve wall thickness 0.2 mm

Insulating collar thickness 0.5 mm
Inner dimensions of the insulating collar 11 mm
Material specificationsColor black (RAL 9005)
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 30 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 UL 486F-E, NF C 63-023
ETIM for 3200412 Cable terminations and insulation products (EC000005)
Feature Name
Feature Value
Construction type (EF000767)
Standard
Nominal cross section (EF001335)
25 mm²
Sleeve length (EF000014)
30 mm
Insulated (EF000019)
Yes
Material insulation (EF008118)
Other
Halogen free (EF000025)
Yes
Colour (EF000007)
Black
Surface protection (EF000139)
Other
For cables resistant to short circuit (EF001713)
No
With identification flag (EF007954)
No...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / AI 25-16 BK 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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