INDUSTRIAL COMPONENT DATA

AI-XL 6 -12 YE 3201945 PHOENIX CONTACT Ferrule

Brand: PHOENIX CONTACT | Manufacturer Part Number: AI-XL 6-12 YE



Manufacturer	PHOENIX CONTACT
MPN / Reference	AI-XL 6-12 YE
Catalog number	3201945
Category	Cable end sleeve
Minimum order	100 Pcs
Document ID	EO-01741FAEB8
Generated	2026-11-18

Product Overview

Ferrule
Toe cap, cuff length: 12 mm, length: 23 mm, colour: yellow
Ferrule, sleeve length: 20 mm, 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 > 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 07
Connection dataConductor connection
Conductor cross section flexible max. 6 mm²
Conductor cross section AWG max. 10
Stripping length 18 mm
DimensionsDimensional drawing
Sleeve length 20 mm
Length contact range 12 mm
Maximum stripping length 18 mm
Ferrule diameter 3.6 mm
Sleeve wall thickness 0.2 mm

Insulating collar thickness 0.3 mm
Inner dimensions of the insulating collar 8.7 mm
Material specificationsColor yellow (RAL 1018)
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 20 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

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / AI-XL 6-12 YE 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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