INDUSTRIAL COMPONENT DATA

# AI 6 -12 BK 3201107 PHOENIX CONTACT Ferrule

**Brand: PHOENIX CONTACT | Manufacturer Part Number: AI 6-12 BK**



| | |
|---|---|
| Manufacturer | PHOENIX CONTACT |
| MPN / Reference | AI 6-12 BK |
| Catalog number | 3201107 |
| Category | Cable end sleeve |
| Minimum order | 100 Pcs |
| Document ID | EO-81A1F41EA5 |
| Generated | 2026-11-18 |

## Product Overview

Ferrule
Toe cap, cuff length: 12 mm, length: 20 mm, colour: black
Nozzle, socket length: 20 mm, colour: 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 |

## Additional Product Information

Key Commercial Data
Orderkey 3201107
Packing unit 100 pc
Minimum order quantity 100 pc
Catalog page Page 483 (C-3-2017)
GTIN 4017918094652
Weight per Piece (excluding packing) 0.390 g
Custom tariff number 85369010
Country of origin DE (Germany)
Dimensions
Length (b) 20 mm
Maximum stripping length 15 mm
Sleeve length 12 mm
Inner dimension of the insulating collar (d) 6.2 mm

Ferrule diameter 3.5 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 black
Components free from silicone and halogen
Flammability rating according to UL 94 HB
Material CU-DHP
Coating tin-plated (galvanic)
Conductor category Stranded conductors, class 2, 5, 6 / B, C, K, M
Standards and Regulations
Connection in acc. with standard CSA
Flammability rating according to UL 94 HB
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 8.027400201eCl@ss 9.027400201
ETIM 2.0EC000005ETIM 3.0EC000005ETIM 4.0EC000005ETIM 5.0EC000005ETIM 6.0EC000005
UNSPSC 6.0130212109UNSPSC 7.090127121703UNSPSC 1127121703UNSPSC 12.0127121703UNSPSC 13.227121703

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / AI 6-12 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

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.