

INDUSTRIAL COMPONENT DATA

AI 1 6 RD 3200742 PHOENIX CONTACT Ferrule AI 1 6 RD

Brand: PHOENIX CONTACT | Manufacturer Part Number: AI 1-6 RD



Manufacturer	PHOENIX CONTACT
MPN / Reference	AI 1-6 RD
Catalog number	3200742
Category	Cable end sleeve
Minimum order	100 Pcs
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Product Overview

Ferrule AI 1 6 RD

Toe cap, cuff length: 6 mm, length: 12 mm, color: red

Ferrule, sleeve length: 12 mm, color: red

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 06

Connection dataConductor connection

Conductor cross section flexible max. 1 mm²

Conductor cross section AWG max. 18

Stripping length 9 mm

DimensionsDimensional drawing

Sleeve length 12 mm

Length contact range 6 mm

Maximum stripping length 9 mm

Ferrule diameter 1.5 mm

Sleeve wall thickness 0.15 mm

Insulating collar thickness 0.3 mm
Inner dimensions of the insulating collar 3 mm
Material specifications Color red (RAL 3001)
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 properties Technical data
Sleeve length 12 mm
Environmental and real-life conditions Ambient conditions
Permanent temperature 105 °C (-40 °C no load / 0 °C dynamic load)
Short-term temperature 120 °C
Standards and regulations Design according to standard DIN 46228-4, UL 486F-E, NFC 63-023
ETIM for 3200742 Cable terminations and insulation products (EC000005)
Feature Name
Feature Value
Construction type (EF000767)
Standard
Nominal cross section (EF001335)
1 mm²
Sleeve length (EF000014)
12 mm
Insulated (EF000019)
Yes
Material insulation (EF008118)
Other
Halogen free (EF000025)
Yes
Colour (EF000007)
Red
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 1-6 RD 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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