

AI 1,5 -12 BK - Ferrule

3201482

<https://www.phoenixcontact.com/us/products/3201482>



Please be informed that the data shown in this PDF document is generated from our Online Catalog. Please find the complete data in the user documentation. Our General Terms of Use for Downloads are valid.



Ferrule, sleeve length: 12 mm, length: 18 mm, color: black

Your advantages

- The ferrules with plastic sleeve are made from soft tin-plated electrolytic copper
- The insulation reliability of close connections is increased and the splicing of wires is prevented

Commercial Data

Item number	3201482
Packing unit	1 pc
Minimum order quantity	100 pc
Sales Key	BH34
Product Key	BH3411
Catalog Page	Page 481 (C-3-2019)
GTIN	4017918094980
Weight per Piece (including packing)	0.15 g
Weight per Piece (excluding packing)	0.15 g
Customs tariff number	85369010
Country of origin	DE

AI 1,5 -12 BK - Ferrule

3201482

<https://www.phoenixcontact.com/us/products/3201482>



Technical Data

Product properties

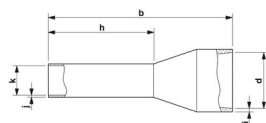
Product type	Cable end sleeve
Conductor category	stranded conductors, class 2, 5, 6 / B, C, K, M

Connection data

Conductor connection

Conductor cross section flexible max.	1.5 mm ²
Conductor cross section AWG max.	16
Stripping length	15 mm

Dimensions

Dimensional drawing	
Length	18 mm
Sleeve length	12 mm
Maximum stripping length	15 mm
Ferrule diameter	1.7 mm
Sleeve wall thickness	0.15 mm
Insulating collar thickness	0.3 mm
Inner dimensions of the insulating collar	3.4 mm

Material specifications

Color	black
Material	CU-DHP
Flammability rating according to UL 94	HB
Coating	tin-plated (galvanic)
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

AI 1,5 -12 BK - Ferrule



3201482

<https://www.phoenixcontact.com/us/products/3201482>

Standards and regulations

Design according to standard	DIN 46228-4, UL 486F-E, NFC 63-023
------------------------------	------------------------------------

Drawings

Dimensional drawing



Length (b), sleeve length (h), insulating collar inner dimension (d), sleeve diameter (k), insulating collar thickness (i), sleeve wall thickness (j)


AI 1,5 -12 BK - Ferrule




3201482

<https://www.phoenixcontact.com/us/products/3201482>

Approvals



UL Listed
Approval ID: E488001



cUL Listed
Approval ID: E488001

AI 1,5 -12 BK - Ferrule



3201482

<https://www.phoenixcontact.com/us/products/3201482>

Classifications

ECLASS

ECLASS-11.0	27400201
-------------	----------

ETIM

ETIM 8.0	EC000005
----------	----------

UNSPSC

UNSPSC 21.0	27121700
-------------	----------

AI 1,5 -12 BK - Ferrule



3201482

<https://www.phoenixcontact.com/us/products/3201482>

Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Phoenix Contact 2023 © - all rights reserved
<https://www.phoenixcontact.com>

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com