

# AI 10 -12 BN - Ferrule



3200124

<https://www.phoenixcontact.com/us/products/3200124>

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, color: brown

## Your advantages

- In terms of dimensions, these ferrules conform to DIN 46228-4: 1990-09
- The color code of the plastic insulating collar is based on the French standard NF C 63-023: 1994-02
- The metal sleeves are made from soft tin-plated electrolytic copper

## Commercial data

Item number	3200124
Packing unit	100 pc
Minimum order quantity	100 pc
Sales key	BH34
Product key	BH3411
Catalog page	Page 482 (C-3-2019)
GTIN	4017918093778
Weight per piece (including packing)	0.531 g
Weight per piece (excluding packing)	0.514 g
Customs tariff number	85369010
Country of origin	DE

# AI 10 -12 BN - Ferrule



3200124  
<https://www.phoenixcontact.com/us/products/3200124>

## Technical data

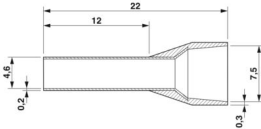
### Product properties

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.	10 mm²
Conductor cross section AWG max.	8
Stripping length	15 mm

### Dimensions

Dimensional drawing	
Sleeve length	12 mm
Maximum stripping length	15 mm
Ferrule diameter	4.6 mm
Sleeve wall thickness	0.2 mm
Insulating collar thickness	0.3 mm
Inner dimensions of the insulating collar	7.5 mm

### Material specifications

Color	brown
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

### Standards and regulations

# AI 10 -12 BN - Ferrule



3200124

<https://www.phoenixcontact.com/us/products/3200124>

Design according to standard	NFC 63-023
------------------------------	------------

# AI 10 -12 BN - Ferrule

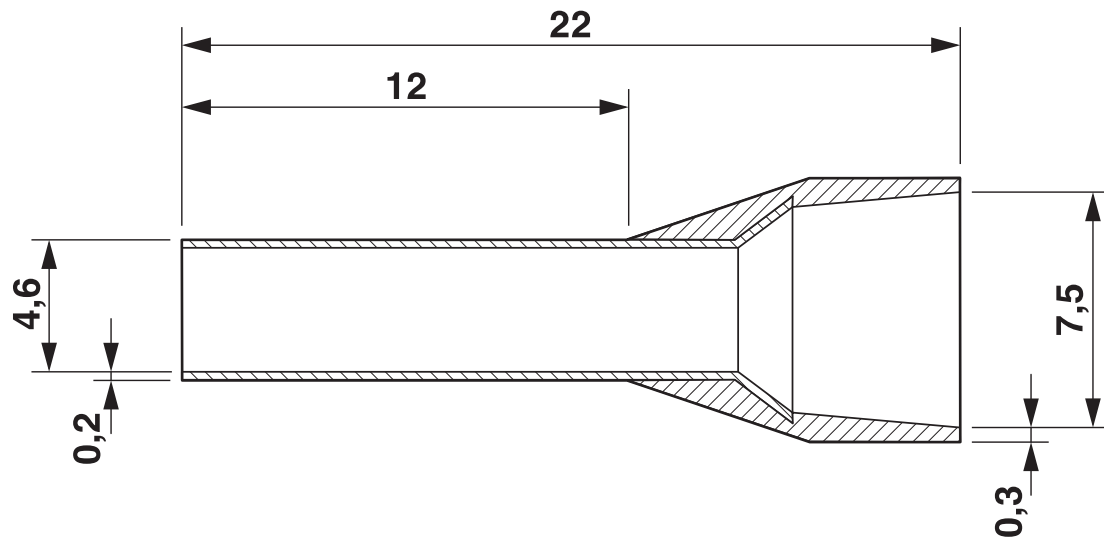
3200124

<https://www.phoenixcontact.com/us/products/3200124>



## Drawings

Dimensional drawing




# AI 10 -12 BN - Ferrule



3200124

<https://www.phoenixcontact.com/us/products/3200124>

## Approvals

 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/3200124>



**cULus Listed**

Approval ID: E488001

# AI 10 -12 BN - Ferrule



3200124

<https://www.phoenixcontact.com/us/products/3200124>

## Classifications

### ECLASS

ECLASS-11.0	27400201
ECLASS-13.0	27400201
ECLASS-12.0	27400201

### ETIM

ETIM 9.0	EC000005
----------	----------

### UNSPSC

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

# AI 10 -12 BN - Ferrule



3200124  
<https://www.phoenixcontact.com/us/products/3200124>

## Environmental product compliance

EU RoHS	
Fulfills EU RoHS substance requirements	Yes, No exemptions
China RoHS	
Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits
EU REACH SVHC	
REACH candidate substance (CAS No.)	No substance above 0.1 wt%

Phoenix Contact 2024 © - 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](mailto:info@phoenixcon.com)