

# AI 25 -16 BK - Ferrule

3200412

<https://www.phoenixcontact.com/us/products/3200412>



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Ferrule, Length contact range: 16 mm, sleeve length: 30 mm, color: black



## 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	3200412
Packing unit	50 pc
Minimum order quantity	50 pc
Sales key	BH34
Product key	BH3411
GTIN	4017918094065
Weight per piece (including packing)	1.22 g
Weight per piece (excluding packing)	0.6 g
Customs tariff number	85369010
Country of origin	DE

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## Technical data

## Product properties

Product type	Cable end sleeve
Conductor category	stranded conductors, class 2, 5, 6 / B, C, K, M
Product property	UL certified
	Made from soft tin-plated electrolytic copper
	Correspond to the requirements of DIN 46228-1 and UL 486F in terms of size
	Plastic collar made of polypropylene
	Halogen-free
	Long/short-term temperature: +105°C/+120°C

## Connection data

### Conductor connection

Conductor cross-section flexible max.	25 mm <sup>2</sup>
Conductor cross-section AWG max.	4
Stripping length	20 mm

## Dimensions

Dimensional drawing	
Sleeve length	30 mm
Length contact range	16 mm
Maximum stripping length	20 mm
Ferrule diameter	7.3 mm
Sleeve wall thickness	0.2 mm
Insulating collar thickness	0.5 mm
Inner dimensions of the insulating collar	11 mm

## Material specifications

Color	black (RAL 9005)
Material	CU-DHP
Flammability rating according to UL 94	HB
Coating	galvanically tin-plated
Surface characteristics	Tin-plated
Components	free from silicone and halogen

## Mechanical properties

## Technical data

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Sleeve length	30 mm
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## 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	UL 486F-E, NF C 63-023
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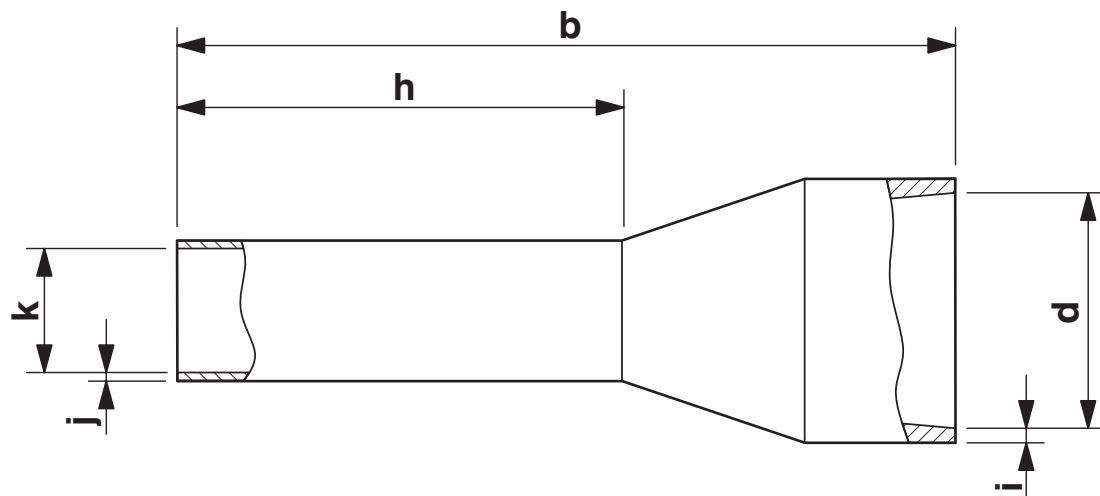
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## Drawings

Dimensional drawing



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

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## Approvals

ⓘ To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/3200412>



**cULus Listed**

Approval ID: E488001

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## Classifications

### ECLASS

ECLASS-13.0	27400201
ECLASS-15.0	27400201

### ETIM

ETIM 9.0	EC000005
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### UNSPSC

UNSPSC 21.0	27121700
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## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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### 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%
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