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

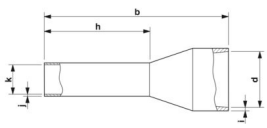
Product type	Cable end sleeve
Conductor category	stranded conductors, class 2, 5, 6 / B, C, K, M
Product property	UL certified
	Made from soft tin-plated electrolytic copper
	Correspond to the requirements of DIN 46228-1 and UL 486F in terms of size
	Plastic collar made of polypropylene
	Halogen-free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

Connection data

Conductor connection

Conductor cross-section flexible max.	25 mm²
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

Environmental and real-life conditions

Ambient conditions

Permanent temperature	105 °C (-40 °C no load / 0 °C dynamic load)
Short-term temperature	120 °C

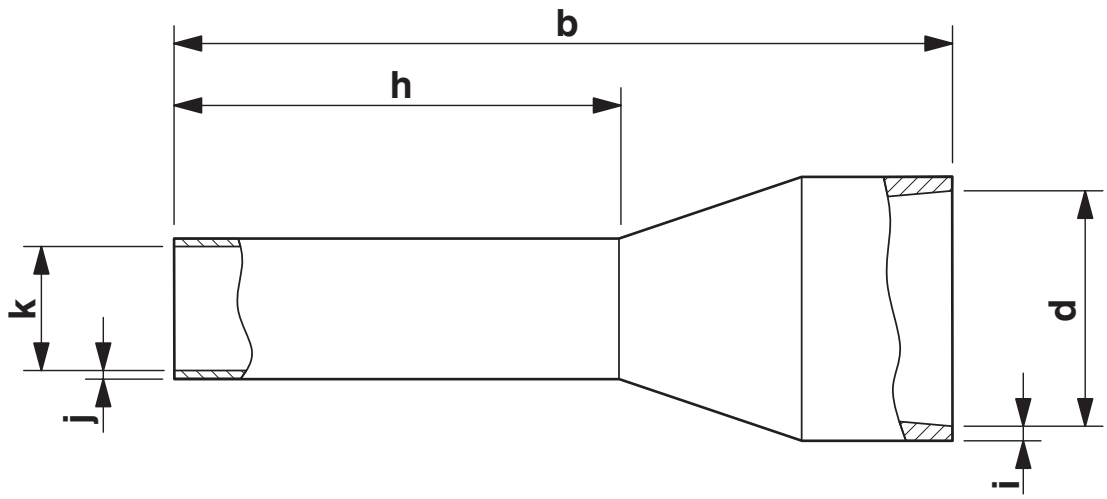
Standards and regulations

Design according to standard	UL 486F-E, NF C 63-023

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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

UNSPSC

UNSPSC 21.0	27121700

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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%

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