

AI 0,5 -12 WH - Ferrule

3200506

<https://www.phoenixcontact.com/us/products/3200506>



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Ferrule, Length contact range: 12 mm, sleeve length: 18 mm, color: white

The figure shows the standard item

Your advantages

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

Commercial data

Item number	3200506
Packing unit	100 pc
Minimum order quantity	100 pc
Sales key	BH34
Product key	BH3411
GTIN	4017918094119
Weight per piece (including packing)	0.1 g
Weight per piece (excluding packing)	0.09 g
Customs tariff number	85369010
Country of origin	DE

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Technical data

Notes

General	Measurement I2 differs from DIN 46228-4: 1990-09
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Product properties

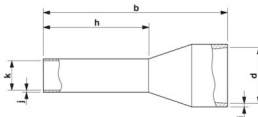
Product type	Cable end sleeve
Conductor category	stranded conductors, class 2, 5, 6 / B, C, K, M
Product property	Made from soft tin-plated electrolytic copper
	Correspond to the requirements of DIN 46228-4 and UL 486F in terms of size
	Plastic collar made of polypropylene
	Halogen-free
	Long/short-term temperature: +105°C/+120°C

Connection data

Conductor connection

Conductor cross-section flexible max.	0.5 mm²
Conductor cross-section AWG max.	20
Stripping length	15 mm

Dimensions

Dimensional drawing	
Sleeve length	18 mm
Length contact range	12 mm
Maximum stripping length	15 mm
Ferrule diameter	1.1 mm
Sleeve wall thickness	0.15 mm
Insulating collar thickness	0.25 mm
Inner dimensions of the insulating collar	2.5 mm

Material specifications

Color	white (RAL 9010)
Material	CU-DHP
Flammability rating according to UL 94	HB
Coating	galvanically tin-plated
Surface characteristics	Tin-plated
Components	free from silicone and halogen

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Mechanical properties

Technical data

Sleeve length	18 mm
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Environmental and real-life conditions

Ambient conditions

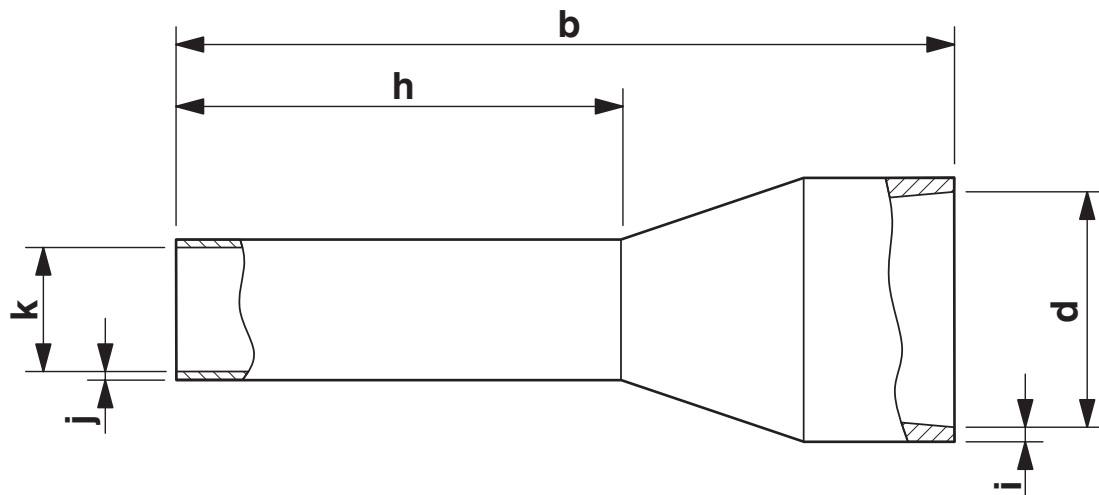
Permanent temperature	105 °C (-40 °C no load / 0 °C dynamic load)
Short-term temperature	120 °C

Standards and regulations

Design according to standard	NFC 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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Classifications

ECLASS

ECLASS-13.0	27400201
ECLASS-15.0	27400201

ETIM

ETIM 10.0	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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EF3.1 Climate Change

CO2e kg	0.003 kg CO2e
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