AI 6 -12 BK - Ferrule

3201107

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Ferrule, Length contact range: 12 mm, sleeve length: 20 mm, color: black

Your advantages

- The ferrules with plastic sleeve are made from soft tin-plated electrolytic copper
- In terms of dimensions, they correspond to DIN 46228-4: 1990-09

Commercial data

Item number	3201107
Packing unit	100 pc
Minimum order quantity	100 pc
Sales key	BH3411
Product key	BH3411
GTIN	4017918094652
Weight per piece (including packing)	0.395 g
Weight per piece (excluding packing)	0.383 g
Customs tariff number	85369010
Country of origin	DE

Technical data

Product properties

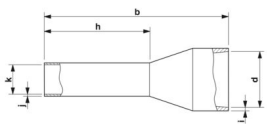
Product type	Cable end sleeve
Conductor category	stranded conductors, class 2, 5, 6 / B, C, K, M
Product property	UL certified
	Made from soft tin-plated electrolytic copper
	Correspond to the requirements of DIN 46228-4 and UL 486F in terms of size
	Plastic collar made of polypropylene
	Halogen-free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

Connection data

Conductor connection

Conductor cross-section flexible max.	6 mm²
Conductor cross-section AWG max.	10
Stripping length	15 mm

Dimensions

Dimensional drawing	
Sleeve length	20 mm
Length contact range	12 mm
Maximum stripping length	15 mm
Ferrule diameter	3.5 mm
Sleeve wall thickness	0.2 mm
Insulating collar thickness	0.3 mm
Inner dimensions of the insulating collar	6.2 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

Sleeve length	20 mm

Environmental and real-life conditions

Ambient conditions

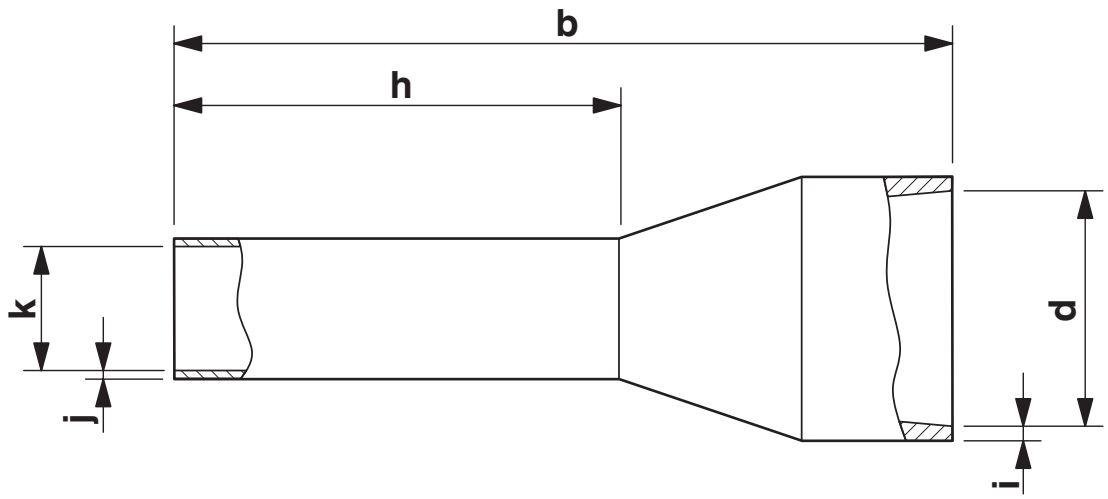
Permanent temperature	105 °C (-40 °C no load / 0 °C dynamic load)
Short-term temperature	120 °C

Standards and regulations

Design according to standard	UL 486F-E, Sonderfarbe

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)

Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/gb/products/3201107

cULus Listed
Approval ID: E488001

Classifications

ECLASS

ECLASS-13.0	27400201
ECLASS-15.0	27400201

ETIM

ETIM 10.0	EC000005

UNSPSC

UNSPSC 21.0	27121700

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%

EF3.1 Climate Change

CO2e kg	0.003 kg CO2e

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PHOENIX CONTACT Ltd
Halesfield 13, Telford
Shropshire, TF7 4PG
01952 681700
info@phoenixcontact.co.uk