AI120 -27 BU - Ferrule

3201822

https://www.phoenixcontact.com/us/products/3201822

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, Length contact range: 27 mm, sleeve length: 48 mm, color: blue

Your advantages

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

Commercial data

Item number	3201822
Packing unit	25 pc
Minimum order quantity	25 pc
Sales key	BH34
Product key	BH3411
GTIN	4017918156916
Weight per piece (including packing)	8.752 g
Weight per piece (excluding packing)	8.752 g
Customs tariff number	85369010
Country of origin	DE

Technical data

Notes

General	Ferrules are not included in DIN 46228-4:1990-09

Product properties

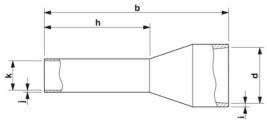
Product type	Cable end sleeve
Product property	Made from soft tin-plated electrolytic copper
	Correspond to the requirements of DIN 46228-4 and UL 486F in terms of size
	Plastic collar made of polypropylene
	Halogen-free
	Long/short-term temperature: +105°C/+120°C

Connection data

Conductor connection

Conductor cross-section flexible max.	120 mm²
Conductor cross-section AWG max.	250 MCM
Stripping length	32 mm

Dimensions

Dimensional drawing	
Sleeve length	48 mm
Length contact range	27 mm
Maximum stripping length	32 mm
Ferrule diameter	16.7 mm
Sleeve wall thickness	0.45 mm
Insulating collar thickness	0.7 mm
Inner dimensions of the insulating collar	21 mm

Material specifications

Color	blue (RAL 5015)
Material	E-CU
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	48 mm

Environmental and real-life conditions

Ambient conditions

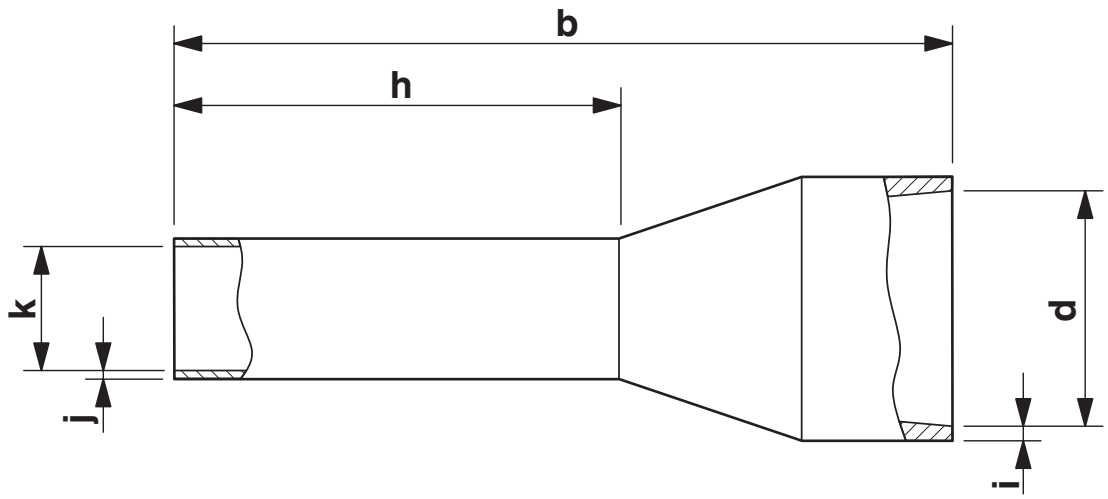
Permanent temperature	105 °C (-40 °C no load / 0 °C dynamic load)
Short-term temperature	120 °C

Standards and regulations

Design according to standard	Special color

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)

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	0.1 kg CO2e

Phoenix Contact 2026 © - 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