

# AI 50 -20 BU - Ferrule

3200454

<https://www.phoenixcontact.com/pc/products/3200454>

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Ferrule, Length contact range: 20 mm, sleeve length: 36 mm, color: blue



## 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
- The AI 0,25.. ferrules can also be used to process 0.14 mm<sup>2</sup> conductors

## Commercial data

Item number	3200454
Packing unit	50 pc
Minimum order quantity	50 pc
Sales key	05
Product key	BH3411
Catalog page	Page 481 (C-3-2019)
GTIN	4017918094102
Weight per piece (including packing)	2.98 g
Weight per piece (excluding packing)	2.943 g
Customs tariff number	85369010
Country of origin	DE

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## Technical data

### Product properties

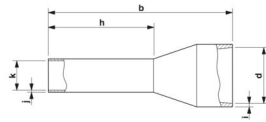
Product type	Cable end sleeve
Conductor category	stranded conductors, class 2, 5, 6 / B, C, K, M
Product property	UL certified

### Connection data

#### Conductor connection

Conductor cross section flexible max.	50 mm <sup>2</sup>
Conductor cross section AWG max.	1/0
Stripping length	25 mm

### Dimensions

Dimensional drawing	
Sleeve length	36 mm
Length contact range	20 mm
Maximum stripping length	25 mm
Ferrule diameter	10.3 mm
Sleeve wall thickness	0.35 mm
Insulating collar thickness	0.6 mm
Inner dimensions of the insulating collar	15 mm

### Material specifications

Color	blue (RAL 5015)
Material	CU-DHP
Flammability rating according to UL 94	HB
Coating	tin-plated (galvanic)
Surface characteristics	Tin-plated
Components	free from silicone and halogen

### Mechanical properties

#### Technical data

Sleeve length	36 mm
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### Environmental and real-life conditions

#### Ambient conditions

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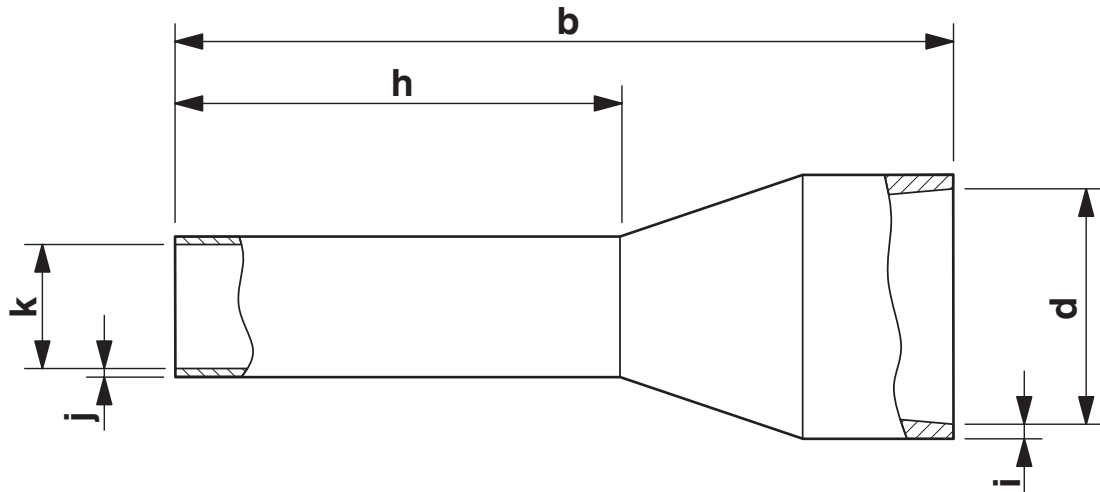
Short-term temperature	120 °C
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## Standards and regulations

Design according to standard	DIN 46228-4, UL 486F-E, 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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## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/pc/products/3200454>



**cULus Listed**

Approval ID: E488001

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## Classifications

### ECLASS

ECLASS-11.0	27400201
ECLASS-12.0	27400201
ECLASS-13.0	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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