

# AI 70 -20 YE - Ferrule

3201848

<https://www.phoenixcontact.com/us/products/3201848>



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## 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	3201848
Packing unit	25 pc
Minimum order quantity	25 pc
Sales key	BH34
Product key	BH3411
GTIN	4017918156923
Weight per piece (including packing)	4.588 g
Weight per piece (excluding packing)	4.37 g
Customs tariff number	85369010
Country of origin	DE

## Technical data

### Notes

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

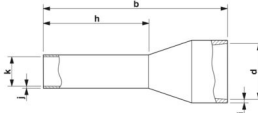
Product type	Cable end sleeve
Product property	Made from soft tin-plated electrolytic copper
	Correspond to the requirements of DIN 46228-1 and UL 486F in terms of size
	Plastic collar made of polypropylene
	Halogen-free
	Long/short-term temperature: +105°C/+120°C

### Connection data

#### Conductor connection

Conductor cross-section flexible max.	70 mm <sup>2</sup>
Conductor cross-section AWG max.	2/0
Stripping length	25 mm

### Dimensions

Dimensional drawing	
Sleeve length	37 mm
Length contact range	20 mm
Maximum stripping length	25 mm
Ferrule diameter	12.7 mm
Sleeve wall thickness	0.35 mm
Insulating collar thickness	0.6 mm
Inner dimensions of the insulating collar	16 mm

### Material specifications

Color	yellow (RAL 1018)
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

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## Technical data

Sleeve length	37 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

## 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 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
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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