

# A 4 - 9 - Ferrule

3200302

<https://www.phoenixcontact.com/us/products/3200302>



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Ferrule, Length contact range: 9 mm, sleeve length: 9 mm, color: silver-colored



## Your advantages

- The dimensions of the ferrules conform to DIN 46228-1
- The ferrules without plastic sleeve are made from soft tin-plated electrolytic copper

## Commercial data

Item number	3200302
Packing unit	1,000 pc
Minimum order quantity	1,000 pc
Sales key	BH34
Product key	BH3412
GTIN	4017918093952
Weight per piece (including packing)	0.144 g
Weight per piece (excluding packing)	0.13 g
Customs tariff number	85369010
Country of origin	DE

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## Technical data

### Product properties

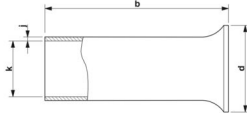
Product type	Cable end sleeve
Conductor category	stranded conductors, class 2, 5, 6 / B, C, K, M
Product property	UL certified
	Made from soft tin-plated electrolytic copper
	Correspond to the requirements of DIN 46228-4 and UL 486F in terms of size
	Long/short-term temperature: +105°C/+120°C

### Connection data

#### Conductor connection

Conductor cross-section flexible max.	4 mm <sup>2</sup>
Conductor cross-section AWG max.	12
Stripping length	9 mm

### Dimensions

Dimensional drawing	
Sleeve length	9 mm
Length contact range	9 mm
Maximum stripping length	9 mm
Ferrule diameter	2.8 mm
Sleeve wall thickness	0.2 mm
Inner dimensions of the insulating collar	4 mm

### Material specifications

Color	silver-colored
Material	CU-DHP
Coating	galvanically tin-plated
Surface characteristics	Tin-plated

### Mechanical properties

#### Technical data

Sleeve length	9 mm
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### Environmental and real-life conditions

#### Ambient conditions

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Permanent temperature	105 °C
Short-term temperature	120 °C

## Standards and regulations

Design according to standard	DIN 46228-1, UL 486F-A
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## Drawings

Dimensional drawing



Sleeve length (b), insulating collar inner dimension (d), sleeve diameter (k), sleeve wall thickness (j)

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## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/3200302>



**cULus Listed**

Approval ID: E488001

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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	0.002 kg CO2e
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