

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 ²
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

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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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