

# A 120 -40 - Ferrule

1090640

<https://www.phoenixcontact.com/us/products/1090640>



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Ferrule, Length contact range: 40 mm, sleeve length: 40 mm, color: silver-colored



## Your advantages

- The ferrules without plastic sleeve are made from soft tin-plated electrolytic copper

## Commercial data

Item number	1090640
Packing unit	50 pc
Minimum order quantity	50 pc
Sales key	BH34
Product key	BH3412
GTIN	4055626901091
Weight per piece (including packing)	9.68 g
Weight per piece (excluding packing)	8.9 g
Customs tariff number	85369010
Country of origin	DE

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## Technical data

### Notes

#### General

These ferrules are not included in DIN 46228-1: 1992-08

### Product properties

Product type	Cable end sleeve
Conductor category	stranded conductors, class 2, 5, 6 / B, C, K, M
Product property	Made from soft tin-plated electrolytic copper
	Correspond to the requirements of DIN 46228-1 and UL 486F in terms of size
	Long/short-term temperature: +105°C/+120°C

### Connection data

#### Conductor connection

Conductor cross-section flexible max.	120 mm <sup>2</sup>
Conductor cross-section AWG max.	250 MCM
Stripping length	40 mm

### Dimensions

Dimensional drawing	
Sleeve length	40 mm
Length contact range	40 mm
Maximum stripping length	40 mm
Ferrule diameter	17.7 mm
Sleeve wall thickness	0.5 mm
Inner dimensions of the insulating collar	19 mm

### Material specifications

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

### Mechanical properties

#### Technical data

Sleeve length	40 mm
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### Environmental and real-life conditions

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## Ambient conditions

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

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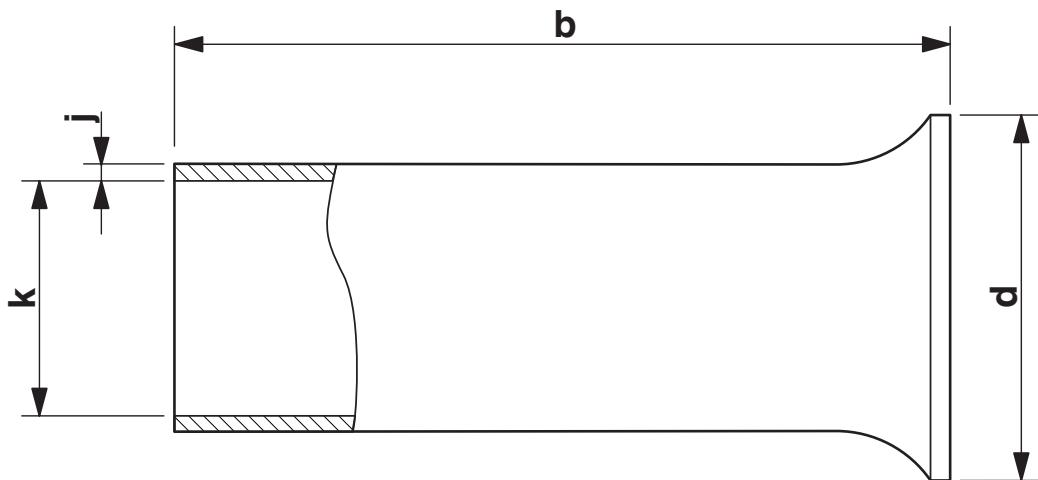


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## Drawings

Dimensional drawing



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

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## 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
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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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