

# AI-GB 4 - 10 GY - Ferrule



2100245  
<https://www.phoenixcontact.com/gb/products/2100245>

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Ferrule, Length contact range: 10 mm, sleeve length: 17 mm, color: gray

## Your advantages

- Previous methods of achieving correct conductor insulation are much more time consuming
- These ferrules can be used for short-circuit-proof cables

## Commercial data

Item number	2100245
Packing unit	1,000 pc
Minimum order quantity	100,000 pc
Sales key	BH341S
Product key	BH341S
GTIN	4067923212145
Weight per piece (including packing)	0.322 g
Weight per piece (excluding packing)	0.322 g
Customs tariff number	85369010
Country of origin	DE

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## Technical data

### Product properties

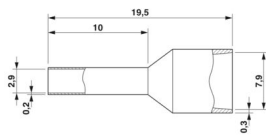
Product type	Cable end sleeve
Conductor category	stranded conductors, class 2, 5, 6 / B, C, K, M
Product property	Suitable for AWG/multi-standard cables due to the increased diameter of the insulating collar
	UL certified
	Made from soft tin-plated electrolytic copper
	Correspond to the requirements of UL 486F
	Plastic collar made of polypropylene
	Halogen-free
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	15 mm

### Dimensions

Dimensional drawing	
Sleeve length	17 mm
Length contact range	10 mm
Maximum stripping length	15 mm
Ferrule diameter	2.9 mm
Sleeve wall thickness	0.2 mm
Insulating collar thickness	0.3 mm
Inner dimensions of the insulating collar	7.9 mm

### Material specifications

Color	gray (RAL 7042)
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	17 mm
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## Standards and regulations

Design according to standard	Color code in accordance with DIN 46228-4, UL 486F-E
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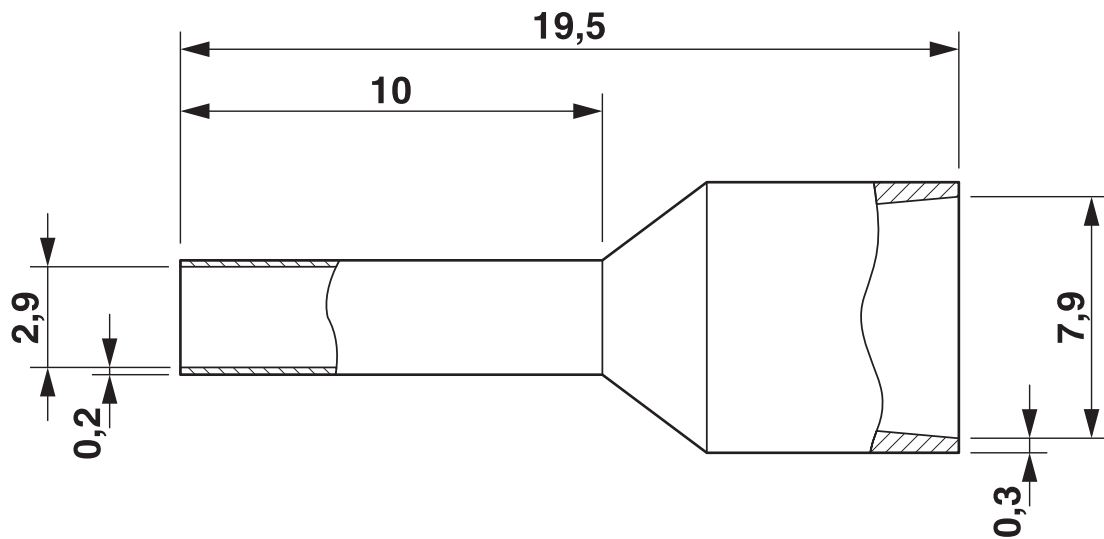
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## Drawings

Dimensional drawing




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## Approvals

 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/gb/products/2100245>



**cULus Listed**

Approval ID: E488001

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## Classifications

### ECLASS

ECLASS-13.0	27400201
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### ETIM

ETIM 9.0	EC000005
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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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