

AI-GB 2,5 - 12 GY - Ferrule

2100242

<https://www.phoenixcontact.com/us/products/2100242>



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Ferrule, Length contact range: 12 mm, sleeve length: 18 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	2100242
Packing unit	100 pc
Minimum order quantity	1,000 pc
Sales key	BH34
Product key	BH341S
GTIN	4067923210899
Weight per piece (including packing)	0.215 g
Weight per piece (excluding packing)	0.21 g
Customs tariff number	85369010
Country of origin	DE

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Technical data

Product properties

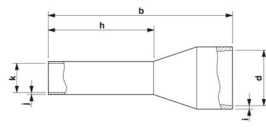
Product type	Cable end sleeve
Conductor category	stranded conductors, class 2, 5, 6 / B, C, K, M
Product property	Suitable for AWG/multi-standard cables due to the increased diameter of the insulating collar
	UL certified
	Made from soft tin-plated electrolytic copper
	Correspond to the requirements 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.	2.5 mm ²
Conductor cross-section AWG max.	14
Stripping length	17 mm

Dimensions

Dimensional drawing	
Sleeve length	18 mm
Length contact range	12 mm
Maximum stripping length	17 mm
Ferrule diameter	2.3 mm
Sleeve wall thickness	0.15 mm
Insulating collar thickness	0.3 mm
Inner dimensions of the insulating collar	4.8 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	18 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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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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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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