

AI-GB 2,5 - 12 GY - Ferrule

2100242

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



Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



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	1,000 pc
Minimum order quantity	200,000 pc
Sales key	BH341S
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

AI-GB 2,5 - 12 GY - Ferrule

2100242

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



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

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	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

Technical data

Sleeve length	18 mm
---------------	-------

Standards and regulations

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

AI-GB 2,5 - 12 GY - Ferrule

2100242

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



Approvals

🔗 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/gb/products/2100242>



cULus Listed

Approval ID: E488001

AI-GB 2,5 - 12 GY - Ferrule



2100242

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

Classifications

ECLASS

ECLASS-13.0	27400201
-------------	----------

ETIM

ETIM 9.0	EC000005
----------	----------

AI-GB 2,5 - 12 GY - Ferrule

2100242

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



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%
-------------------------------------	----------------------------

Phoenix Contact 2025 © - all rights reserved
<https://www.phoenixcontact.com>

PHOENIX CONTACT Ltd
Halesfield 13, Telford
Shropshire, TF7 4PG
01952 681700
info@phoenixcontact.co.uk