AI-GB 4 - 12 GY - Ferrule

2100247

https://www.phoenixcontact.com/gb/products/2100247

Ferrule, Length contact range: 12 mm, sleeve length: 20 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	2100247
Packing unit	1,000 pc
Minimum order quantity	100,000 pc
Sales key	BH341S
Product key	BH341S
GTIN	4067923211889
Weight per piece (including packing)	0.352 g
Weight per piece (excluding packing)	0.352 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 mm²
Conductor cross section AWG max.	12
Stripping length	17 mm

Dimensions

Sleeve length	20 mm
Length contact range	12 mm
Maximum stripping length	17 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

Technical data

Sleeve length	20 mm

Standards and regulations

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

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Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/gb/products/2100247

cULus Listed
Approval ID: E488001

Classifications

ECLASS

ECLASS-13.0	27400201

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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