

# AI-GB 0,5-8 WH - Ferrule



2100131

<https://www.phoenixcontact.com/au/products/2100131>

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: 8 mm, sleeve length: 14 mm, color: white



## Commercial data

Item number	2100131
Packing unit	500 pc
Minimum order quantity	500 pc
Sales key	BH341S
Product key	BH341S
GTIN	4067923213463
Weight per piece (including packing)	0.077 g
Weight per piece (excluding packing)	0.077 g
Customs tariff number	85369010
Country of origin	Information on the country of origin is provided with the delivery.

## Technical data

### Product properties

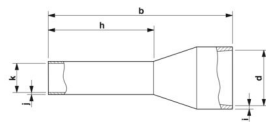
Product type	Cable end sleeve
Conductor category	stranded conductors, class 2, 5, 6 / B, C, K, M
Product property	Suitable for AWG/multi-standard cables due to the increased diameter of the insulating collar
	UL certified
	Made from soft tin-plated electrolytic copper
	Correspond to the requirements 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.	0.5 mm <sup>2</sup>
Conductor cross-section AWG max.	20
Stripping length	11 mm

### Dimensions

Dimensional drawing	
Sleeve length	14 mm
Length contact range	8 mm
Maximum stripping length	11 mm
Ferrule diameter	1.1 mm
Sleeve wall thickness	0.15 mm
Insulating collar thickness	0.25 mm
Inner dimensions of the insulating collar	3 mm

### Material specifications

Color	white (RAL 9010)
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

# AI-GB 0,5-8 WH - Ferrule



2100131

<https://www.phoenixcontact.com/au/products/2100131>

## Technical data

Sleeve length

14 mm

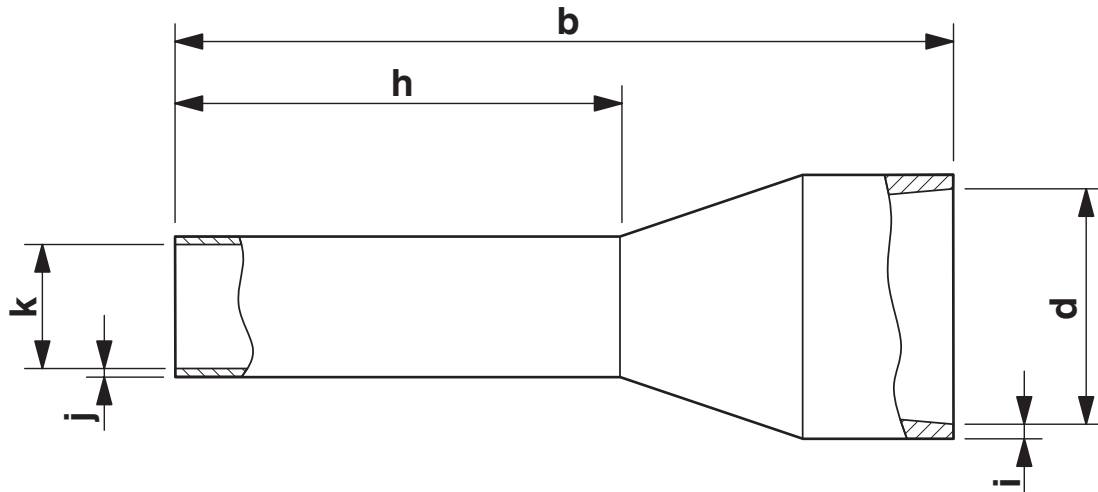
## Standards and regulations

Design according to standard

Color code in accordance with DIN 46228-4, UL 486F-E

## 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)

# AI-GB 0,5-8 WH - Ferrule

2100131

<https://www.phoenixcontact.com/au/products/2100131>



## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/au/products/2100131>



**cULus Listed**

Approval ID: E488001

# AI-GB 0,5-8 WH - Ferrule



2100131

<https://www.phoenixcontact.com/au/products/2100131>

## Classifications

### ECLASS

ECLASS-13.0	27400201
ECLASS-15.0	27400201

### ETIM

ETIM 10.0	EC000005
-----------	----------

### UNSPSC

UNSPSC 21.0	27121700
-------------	----------

# AI-GB 0,5-8 WH - Ferrule



2100131

<https://www.phoenixcontact.com/au/products/2100131>

## 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 2026 © - all rights reserved  
<https://www.phoenixcontact.com>

PHOENIX CONTACT PTY Ltd  
Unit 7, 2-8 South Street  
Rydalmere NSW 2116  
1300 786 411  
[customerservice@phoenixcontact.com.au](mailto:customerservice@phoenixcontact.com.au)