

# AI 2,5-8 BU-B 1500 - Ferrule

3240667

<https://www.phoenixcontact.com/us/products/3240667>



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: blue



## Your advantages

- The sleeves are supplied on large reels, containing a quantity of up to 3000 each
- Ferrules in tape format for automatic processing

## Commercial data

Item number	3240667
Packing unit	1,500 pc
Minimum order quantity	1,500 pc
Sales key	BH34
Product key	BH34 14
GTIN	4046356625463
Weight per piece (including packing)	0.209 g
Weight per piece (excluding packing)	0.173 g
Customs tariff number	85369010
Country of origin	DE

# AI 2,5-8 BU-B 1500 - Ferrule



3240667

<https://www.phoenixcontact.com/us/products/3240667>

## Technical data

### Product properties

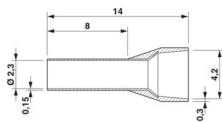
Product type	Cable end sleeve
Conductor category	stranded conductors, class 2, 5, 6 / B, C, K, M
Product property	Taped design for automated production
	UL certified
	Made from soft tin-plated electrolytic copper
	Correspond to the requirements of DIN 46228-1 and UL 486F in terms of size
	Plastic collar made of polypropylene
	Halogen-free
	Long/short-term temperature: +105°C/+120°C

### Connection data

#### Conductor connection

Conductor cross section flexible max.	2.5 mm²
Conductor cross section AWG max.	14
Stripping length	11 mm

### Dimensions

Dimensional drawing	
Sleeve length	14 mm
Length contact range	8 mm
Maximum stripping length	11 mm
Ferrule diameter	2.3 mm
Sleeve wall thickness	0.15 mm
Insulating collar thickness	0.3 mm
Inner dimensions of the insulating collar	4.2 mm

### Material specifications

Color	blue (RAL 5015)
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 2,5-8 BU-B 1500 - Ferrule



3240667

<https://www.phoenixcontact.com/us/products/3240667>

## Technical data

Sleeve length	14 mm
---------------	-------

## Environmental and real-life conditions

### Ambient conditions

Permanent temperature	105 °C (-40 °C no load / 0 °C dynamic load)
Short-term temperature	120 °C

## Standards and regulations

Design according to standard	DIN 46228-4, UL 486F-E
------------------------------	------------------------

# AI 2,5-8 BU-B 1500 - Ferrule

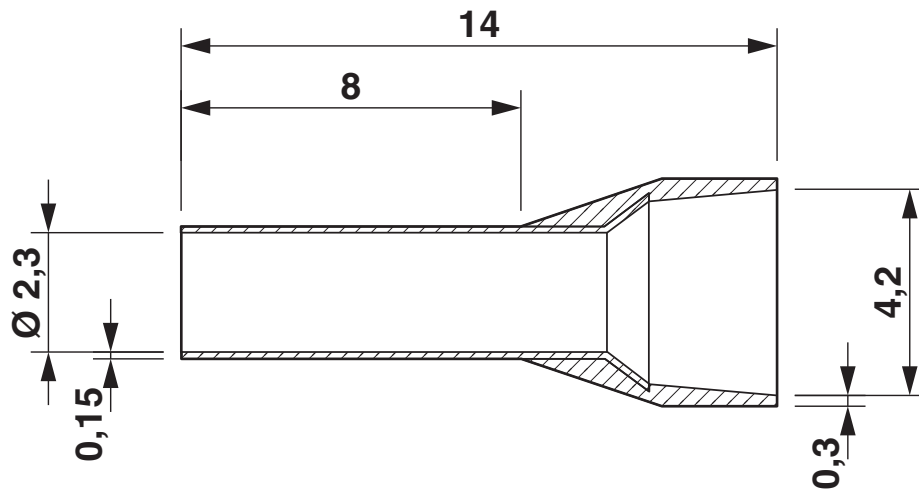
3240667

<https://www.phoenixcontact.com/us/products/3240667>



## Drawings

Dimensional drawing



# AI 2,5-8 BU-B 1500 - Ferrule

3240667

<https://www.phoenixcontact.com/us/products/3240667>



## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/3240667>



**cULus Listed**

Approval ID: E488001

# AI 2,5-8 BU-B 1500 - Ferrule



3240667

<https://www.phoenixcontact.com/us/products/3240667>

## Classifications

### ECLASS

ECLASS-13.0	27400201
ECLASS-15.0	27400201

### ETIM

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

### UNSPSC

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

# AI 2,5-8 BU-B 1500 - Ferrule



3240667

<https://www.phoenixcontact.com/us/products/3240667>

## 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 USA  
586 Fulling Mill Road  
Middletown, PA 17057, United States  
(+717) 944-1300  
[info@phoenixcon.com](mailto:info@phoenixcon.com)