

# AI 6-12 YE-1000 - Ferrule



2100047

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Ferrule, Length contact range: 12 mm, sleeve length: 20 mm, color: yellow

## Your advantages

- In terms of dimensions, they correspond to DIN 46228-4: 1990-09
- The ferrules with plastic sleeve are made from soft tin-plated electrolytic copper

## Commercial data

Item number	2100047
Packing unit	1,000 pc
Minimum order quantity	1,000 pc
Sales key	BH3411
Product key	BH3411
GTIN	4067923214538
Weight per piece (including packing)	0.391 g
Weight per piece (excluding packing)	0.391 g
Customs tariff number	85369010
Country of origin	DE

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## Technical data

### Product properties

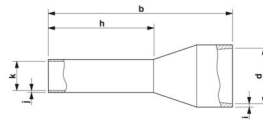
Product type	Cable end sleeve
Product property	UL certified
	Made from soft tin-plated electrolytic copper
	Correspond to the requirements of DIN 46228-1 and UL 486F in terms of size
	Plastic collar made of polypropylene
	Halogen-free
	Long/short-term temperature: +105°C/+120°C

### Connection data

#### Conductor connection

Conductor cross section flexible max.	6 mm <sup>2</sup>
Conductor cross section AWG max.	10
Stripping length	15 mm

### Dimensions

Dimensional drawing	
Sleeve length	20 mm
Length contact range	12 mm
Maximum stripping length	15 mm
Ferrule diameter	3.5 mm
Sleeve wall thickness	0.2 mm
Insulating collar thickness	0.3 mm
Inner dimensions of the insulating collar	6.2 mm

### Material specifications

Color	yellow (RAL 1018)
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
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## Standards and regulations

Design according to standard	Special color
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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

🔗 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/gb/products/2100047>



**cULus Listed**

Approval ID: E488001

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## Classifications

### ECLASS

ECLASS-13.0	27400201
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### 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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PHOENIX CONTACT Ltd  
Halesfield 13, Telford  
Shropshire, TF7 4PG  
01952 681700  
[info@phoenixcontact.co.uk](mailto:info@phoenixcontact.co.uk)