

## Ferrule - AI 4 -12 OG - 3200438

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Ferrule, sleeve length: 12 mm, length: 20 mm, color: orange

### Why buy this product

- The metal sleeves are made from soft tin-plated electrolytic copper
- In terms of dimensions, these ferrules conform to DIN 46228-4: 1990-09
- The color code of the plastic insulating collar is based on the French standard NF C 63-023: 1994-02

### Key Commercial Data

Packing unit	1 STK
Minimum order quantity	100 STK
GTIN	 4 017918 094089
GTIN	4017918094089
Weight per Piece (excluding packing)	0.300 g
Custom tariff number	85369010
Country of origin	Germany

### Technical data

#### Dimensions

Length (b)	20 mm
Maximum stripping length	15 mm
Sleeve length	12 mm
Inner dimension of the insulating collar (d)	4.8 mm
Ferrule diameter	2.8 mm
Insulating collar thickness	0.3 mm

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## Technical data

### Dimensions

Sleeve wall thickness	0.2 mm
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### Ambient conditions

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

### General

Color	orange
Components	free from silicone and halogen
Flammability rating according to UL 94	HB
Material	E-CU
Coating	tin-plated (galvanic)
Conductor category	Stranded conductors, class 2, 5, 6 / B, C, K, M

### Standards and Regulations

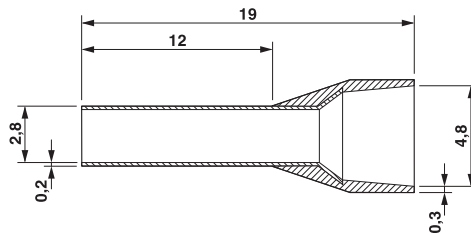
Connection in acc. with standard	CSA
Flammability rating according to UL 94	HB
Design according to standard	DIN 46228-4:2017-05

### Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

## Drawings

Dimensional drawing



## Classifications

eCl@ss

eCl@ss 4.0	27060701
eCl@ss 4.1	27060701
eCl@ss 5.0	27400201

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## Classifications

### eCl@ss

eCl@ss 5.1	27400201
eCl@ss 6.0	27400201
eCl@ss 7.0	27400201
eCl@ss 8.0	27400201
eCl@ss 9.0	27400201

### ETIM

ETIM 2.0	EC000005
ETIM 3.0	EC000005
ETIM 4.0	EC000005
ETIM 5.0	EC000005
ETIM 6.0	EC000005

### UNSPSC

UNSPSC 6.01	30212109
UNSPSC 7.0901	27121703
UNSPSC 11	27121703
UNSPSC 12.01	27121703
UNSPSC 13.2	27121703

## Approvals

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CSA / CSAus / EAC / EAC / UL Listed / cUL Listed / cCSAus




#### Ex Approvals

### Approval details

CSA		<a href="http://www.csagroup.org/services-industries/product-listing/">http://www.csagroup.org/services-industries/product-listing/</a>	247397
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CSAus		<a href="http://www.csagroup.org/services-industries/product-listing/">http://www.csagroup.org/services-industries/product-listing/</a>	247397
EAC			EAC-Zulassung
EAC			7500651.22.01.00246
UL Listed		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	E488001
cUL Listed		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	E488001
cCSAus		<a href="http://www.csagroup.org/services-industries/product-listing/">http://www.csagroup.org/services-industries/product-listing/</a>	