

# AI-TWIN 2X 1 - 8 RD - Ferrule



3200810

<https://www.phoenixcontact.com/gb/products/3200810>

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Ferrule, Length contact range: 8 mm, sleeve length: 15 mm, color: red



## Your advantages

- These special ferrules allow chain bridges to be set up with ease
- The TWIN ferrules provide a practical way of crimping two conductors in one ferrule
- Different versions of the individual TWIN ferrules can be selected for specific applications

## Commercial data

Item number	3200810
Packing unit	100 pc
Minimum order quantity	100 pc
Sales key	BH3413
Product key	BH3413
GTIN	4017918094362
Weight per piece (including packing)	0.159 g
Weight per piece (excluding packing)	0.116 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	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.	1 mm <sup>2</sup>
Conductor cross section AWG max.	18
Stripping length	12 mm

### Dimensions

Dimensional drawing	
Sleeve length	15 mm
Length contact range	8 mm
Maximum stripping length	12 mm
Ferrule diameter	2.05 mm
Sleeve wall thickness	0.15 mm
Insulating collar thickness	0.3 mm
Inner dimensions of the insulating collar	3.4 mm

### Material specifications

Color	red (RAL 3001)
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

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Sleeve length	15 mm
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## Environmental and real-life conditions

### Ambient conditions

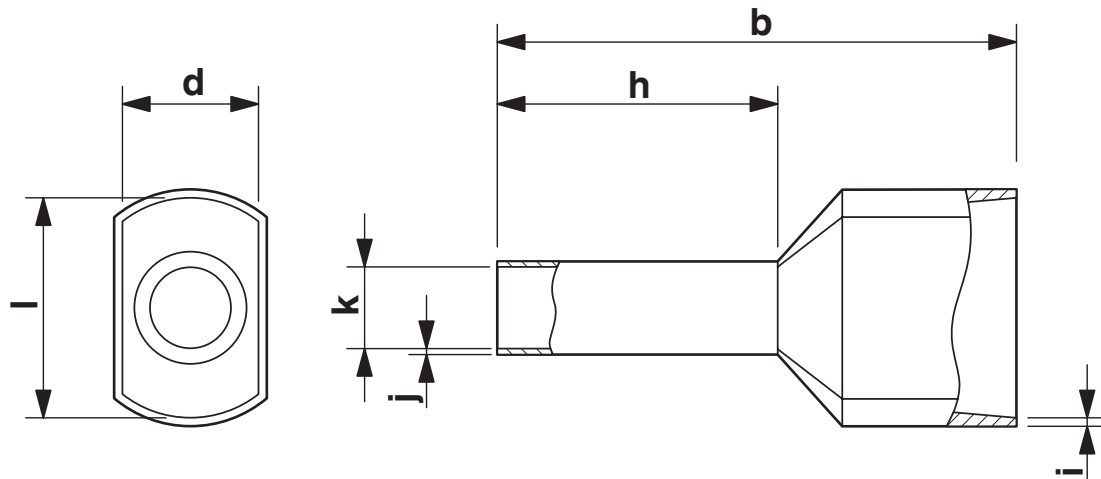
Permanent temperature	105 °C (-40 °C no load / 0 °C dynamic load)
Short-term temperature	120 °C

## Standards and regulations

Design according to standard	DIN 46228-4, UL 486F-F
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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/3200810>



**cULus Listed**

Approval ID: E488001

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## Classifications

### ECLASS

ECLASS-13.0	27400201
ECLASS-15.0	27400201

### ETIM

ETIM 9.0	EC000005
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### UNSPSC

UNSPSC 21.0	27121700
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## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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### 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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