

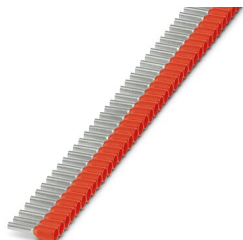
# Ferrule - AI 1,0-8 RD S1

1200106

<https://www.phoenixcontact.com/us/products/1200106>



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Taped ferrules, 1.0 mm<sup>2</sup>, sleeve length 8 mm, with plastic collar, according to DIN 46228-4, red, for processing with the CRIMPFOX 4 IN 1, 10 strips each with 50 sleeves per strip.

## Commercial Data

|                                      |                     |
|--------------------------------------|---------------------|
| Item number                          | 1200106             |
| Packing unit                         | 1 pc                |
| Minimum order quantity               | 500 pc              |
| Sales Key                            | B16                 |
| Product Key                          | BH3415              |
| Catalog Page                         | Page 415 (C-3-2019) |
| GTIN                                 | 4055626043036       |
| Weight per Piece (including packing) | 0.104 g             |
| Weight per Piece (excluding packing) | 0.101 g             |
| Customs tariff number                | 85369010            |
| Country of origin                    | DE                  |

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## Technical Data

### Product properties

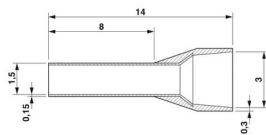
|                    |                                                 |
|--------------------|-------------------------------------------------|
| Product type       | Ferrule                                         |
| Conductor category | stranded conductors, class 2, 5, 6 / B, C, K, M |

### Connection data

#### Conductor connection

|                                       |                   |
|---------------------------------------|-------------------|
| Conductor cross section flexible max. | 1 mm <sup>2</sup> |
| Conductor cross section AWG max.      | 18                |
| Stripping length                      | 11 mm             |

### Dimensions

|                                           |                                                                                     |
|-------------------------------------------|-------------------------------------------------------------------------------------|
| Dimensional drawing                       |  |
| Length                                    | 14 mm                                                                               |
| Sleeve length                             | 8 mm                                                                                |
| Maximum stripping length                  | 11 mm                                                                               |
| Ferrule diameter                          | 1.5 mm                                                                              |
| Sleeve wall thickness                     | 0.15 mm                                                                             |
| Insulating collar thickness               | 0.3 mm                                                                              |
| Inner dimensions of the insulating collar | 3 mm                                                                                |

### Material specifications

|                                        |                                |
|----------------------------------------|--------------------------------|
| Color                                  | red                            |
| Material                               | CU-DHP                         |
| Flammability rating according to UL 94 | HB                             |
| Coating                                | tin-plated (galvanic)          |
| Components                             | free from silicone and halogen |

### Mechanical properties

#### Technical data

|               |      |
|---------------|------|
| Sleeve length | 8 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                                      |

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## Standards and regulations

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

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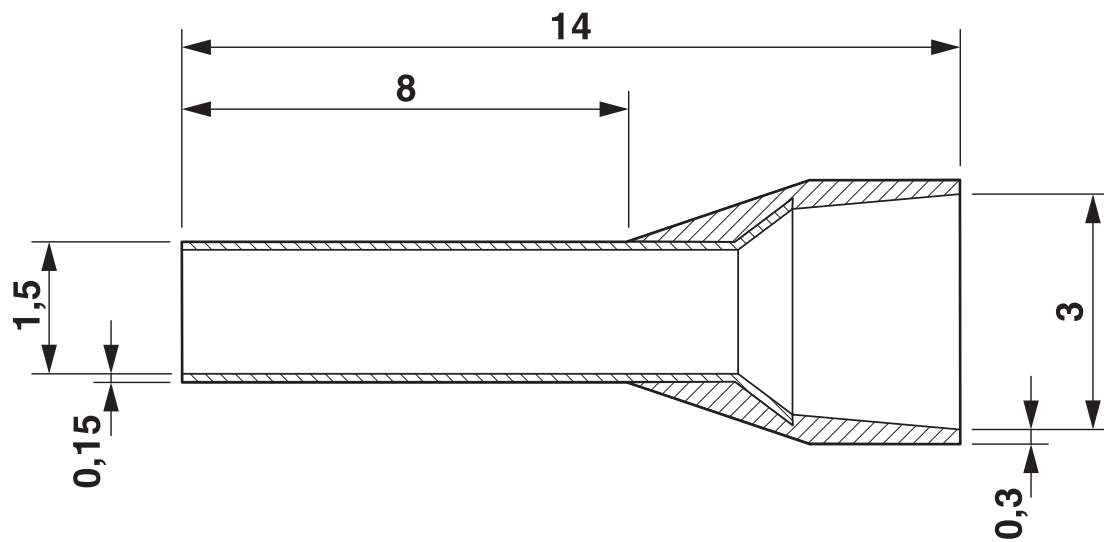
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## Drawings

Dimensional drawing



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## Approvals



**CSA**

Approval ID: 247397



**UL Listed**

Approval ID: E488001

|  | Nominal Voltage $U_N$ | Nominal Current $I_N$ | Cross Section AWG | Cross Section $\text{mm}^2$ |
|--|-----------------------|-----------------------|-------------------|-----------------------------|
|  |                       |                       | -                 | -                           |



**cUL Listed**

Approval ID: E488001

|  | Nominal Voltage $U_N$ | Nominal Current $I_N$ | Cross Section AWG | Cross Section $\text{mm}^2$ |
|--|-----------------------|-----------------------|-------------------|-----------------------------|
|  |                       |                       | -                 | -                           |

**cULus Listed**

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## Classifications

### ECLASS

|               |          |
|---------------|----------|
| ECLASS-9.0    | 27400201 |
| ECLASS-10.0.1 | 27400201 |
| ECLASS-11.0   | 27400201 |

### ETIM

|          |          |
|----------|----------|
| ETIM 8.0 | EC000005 |
|----------|----------|

### UNSPSC

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

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## Environmental Product Compliance

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

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## Accessories

### Multi-function tool

Multi-function tool - CRIMPFOX 4 IN 1 - 1200101

<https://www.phoenixcontact.com/us/products/1200101>



Tool for processing ferrules according to DIN 46228-4, 0.5 mm<sup>2</sup> to 2.5 mm<sup>2</sup>, equipped with pressure lock, magazine, cutting, stripping, twisting, and crimping unit.

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