

# A 4 -12 - Ferrule

3200315

<https://www.phoenixcontact.com/us/products/3200315>



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Ferrule, Length contact range: 12 mm, sleeve length: 12 mm, color: silver-colored

## Your advantages

- The dimensions of the ferrules conform to DIN 46228-1
- The ferrules without plastic sleeve are made from soft tin-plated electrolytic copper

## Commercial data

|                                      |               |
|--------------------------------------|---------------|
| Item number                          | 3200315       |
| Packing unit                         | 1,000 pc      |
| Minimum order quantity               | 1,000 pc      |
| Sales key                            | BH34          |
| Product key                          | BH3412        |
| GTIN                                 | 4017918093969 |
| Weight per piece (including packing) | 0.194 g       |
| Weight per piece (excluding packing) | 0.194 g       |
| Customs tariff number                | 85369010      |
| Country of origin                    | DE            |

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## Technical data

### Product properties

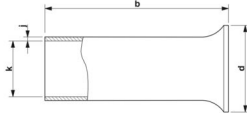
|                    |  |
|--------------------|--|
| Product type       | Cable end sleeve   |
| Conductor category | stranded conductors, class 2, 5, 6 / B, C, K, M                            |
| Product property   | UL certified   |
|                    | Made from soft tin-plated electrolytic copper                              |
|                    | Correspond to the requirements of DIN 46228-4 and UL 486F in terms of size |
|                    | Long/short-term temperature: +105°C/+120°C                                 |

### Connection data

#### Conductor connection

|                                       |                   |
|---------------------------------------|-------------------|
| Conductor cross-section flexible max. | 4 mm <sup>2</sup> |
| Conductor cross-section AWG max.      | 12                |
| Stripping length                      | 12 mm             |

### Dimensions

|   |  |
|---|--|
| Dimensional drawing                       |  |
| Sleeve length                             | 12 mm  |
| Length contact range                      | 12 mm  |
| Maximum stripping length                  | 12 mm  |
| Ferrule diameter                          | 2.8 mm   |
| Sleeve wall thickness                     | 0.2 mm   |
| Inner dimensions of the insulating collar | 4 mm   |

### Material specifications

|                         |                         |
|-------------------------|-------------------------|
| Color                   | silver-colored          |
| Material                | CU-DHP                  |
| Coating                 | galvanically tin-plated |
| Surface characteristics | Tin-plated              |

### Mechanical properties

#### Technical data

|               |       |
|---------------|-------|
| Sleeve length | 12 mm |
|---------------|-------|

### Environmental and real-life conditions

#### Ambient conditions

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|                        |        |
|------------------------|--------|
| Permanent temperature  | 105 °C |
| Short-term temperature | 120 °C |

## Standards and regulations

|                              |                        |
|------------------------------|------------------------|
| Design according to standard | DIN 46228-1, UL 486F-A |
|------------------------------|------------------------|

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## Drawings

Dimensional drawing



Sleeve length (b), insulating collar inner dimension (d), sleeve diameter (k), sleeve wall thickness (j)

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## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/3200315>



**cULus Listed**

Approval ID: E488001

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## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-13.0 | 27400201 |
| ECLASS-15.0 | 27400201 |

### ETIM

|           |          |
|-----------|----------|
| ETIM 10.0 | EC000005 |
|-----------|----------|

### UNSPSC

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

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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% |
|-------------------------------------|----------------------------|

### EF3.1 Climate Change

|         |               |
|---------|---------------|
| CO2e kg | 0.002 kg CO2e |
|---------|---------------|

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