

# A 1,5 -18 - Ferrule



3202601

<https://www.phoenixcontact.com/us/products/3202601>

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Ferrule, Length contact range: 18 mm, sleeve length: 18 mm, color: silver-colored

## Your advantages

- The insulation reliability of close connections is increased and the splicing of wires is prevented
- 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                          | 3202601       |
| Packing unit                         | 1,000 pc      |
| Minimum order quantity               | 1,000 pc      |
| Sales key                            | BH34          |
| Product key                          | BH3412        |
| GTIN                                 | 4017918165758 |
| Weight per piece (including packing) | 0.144 g       |
| Weight per piece (excluding packing) | 0.144 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 46228-1 and UL 486F in terms of size |
|                    | Long/short-term temperature: +105°C/+120°C                                 |

### Connection data

#### Conductor connection

|                                       |                     |
|---------------------------------------|---------------------|
| Conductor cross-section flexible max. | 1.5 mm <sup>2</sup> |
| Conductor cross-section AWG max.      | 16                  |
| Stripping length                      | 18 mm               |

### Dimensions

|                                           |                                                                                      |
|-------------------------------------------|--------------------------------------------------------------------------------------|
| Dimensional drawing                       |  |
| Sleeve length                             | 18 mm                                                                                |
| Length contact range                      | 18 mm                                                                                |
| Maximum stripping length                  | 18 mm                                                                                |
| Ferrule diameter                          | 1.7 mm                                                                               |
| Sleeve wall thickness                     | 0.15 mm                                                                              |
| Inner dimensions of the insulating collar | 2.8 mm                                                                               |

### Material specifications

|                                        |                                |
|----------------------------------------|--------------------------------|
| Color                                  | silver-colored                 |
| 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

|               |       |
|---------------|-------|
| Sleeve length | 18 mm |
|---------------|-------|

### Environmental and real-life conditions

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## Ambient conditions

|                        |        |
|------------------------|--------|
| 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/3202601>



**cULus Listed**

Approval ID: E488001

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## Classifications

### ECLASS

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

### ETIM

|          |          |
|----------|----------|
| ETIM 9.0 | 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% |
|-------------------------------------|----------------------------|

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