

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 | НВ                             |
| Coating                                | galvanically tin-plated        |
| Surface characteristics                | Tin-plated                     |
| Components                             | free from silicone and halogen |

### Mechanical properties

#### Technical data

|               | 10    |
|---------------|-------|
| 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 |
|------------------------------|------------------------|

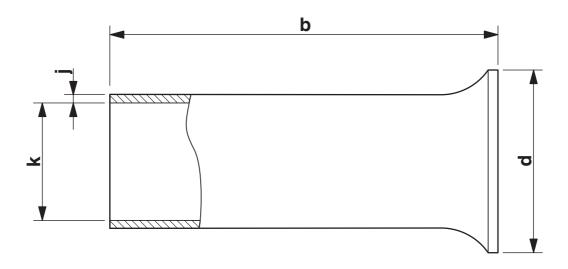
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# Drawings

### Dimensional drawing



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



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## **Approvals**

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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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