

# AI 1,5 -10 BK-GB-1000 - Ferrule

1208872

<https://www.phoenixcontact.com/us/products/1208872>



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Ferrule, Length contact range: 10 mm, sleeve length: 16 mm, color: black

## Your advantages

- Due to the increased diameter of the insulating collar, this type of ferrule is specifically used with AWG cables
- These ferrules enable practical crimping of conductors with increased insulation

## Commercial data

|                                      |               |
|--------------------------------------|---------------|
| Item number                          | 1208872       |
| Packing unit                         | 1,000 pc      |
| Minimum order quantity               | 1,000 pc      |
| Sales key                            | BH34          |
| Product key                          | BH341S        |
| GTIN                                 | 4046356096454 |
| Weight per piece (including packing) | 0.127 g       |
| Weight per piece (excluding packing) | 0.127 g       |
| Customs tariff number                | 85369010      |
| Country of origin                    | DE            |

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## Technical data

### Product properties

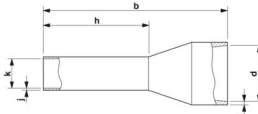
|                    |   |
|--------------------|---|
| Product type       | Cable end sleeve                                |
| Conductor category | stranded conductors, class 2, 5, 6 / B, C, K, M |

### Connection data

#### Conductor connection

|                                       |                     |
|---------------------------------------|---------------------|
| Conductor cross-section flexible max. | 1.5 mm <sup>2</sup> |
| Conductor cross-section AWG max.      | 16                  |
| Stripping length                      | 13 mm               |

### Dimensions

|   |   |
|---|---|
| Dimensional drawing                       |  |
| Sleeve length                             | 16 mm   |
| Length contact range                      | 10 mm   |
| Maximum stripping length                  | 13 mm   |
| Ferrule diameter                          | 1.8 mm  |
| Sleeve wall thickness                     | 0.15 mm   |
| Insulating collar thickness               | 0.3 mm  |
| Inner dimensions of the insulating collar | 3.7 mm  |

### Material specifications

|  |                                |
|--|--------------------------------|
| Color                                  | black (RAL 9005)               |
| 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 | 16 mm |
|---------------|-------|

### Environmental and real-life conditions

#### Ambient conditions

|   |   |
|---|---|
| Optimum ambient temperature (storage/transport) | 23.00 °C 50.00 % Storage in a dry and dark place in the original packaging is recommended |
|---|---|

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

## Standards and regulations

|                              |           |
|------------------------------|-----------|
| Design according to standard | UL 486F-E |
|------------------------------|-----------|

## 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/us/products/1208872>



**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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