# AI 0,5-10 WH-GB - Ferrule

3203150

https://www.phoenixcontact.com/us/products/3203150

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Ferrule, color: white

## 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 | 3203150 |
| Packing unit | 100 pc |
| Minimum order quantity | 100 pc |
| Sales key | BH34 |
| Product key | BH341S |
| GTIN | 4046356135030 |
| Weight per piece (including packing) | 0.093 g |
| Weight per piece (excluding packing) | 0.088 g |
| Customs tariff number | 85369010 |
| Country of origin | DE |

## Technical data

### Product properties

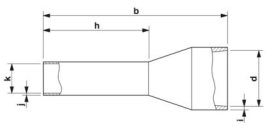
| | |
|---|---|
| Product type | Cable end sleeve |
| Conductor category | stranded conductors, class 2, 5, 6 / B, C, K, M |

### Connection data

Conductor connection

| | |
|---|---|
| Conductor cross-section flexible max. | 0.5 mm² |
| Conductor cross-section AWG min. | 20 |
| Conductor cross-section AWG max. | 20 |
| Stripping length | 13 mm |

### Dimensions

| | |
|---|---|
| Dimensional drawing |  |
| Sleeve length | 10 mm |
| Maximum stripping length | 13 mm |
| Ferrule diameter | 1.1 mm |
| Sleeve wall thickness | 0.15 mm |
| Insulating collar thickness | 0.25 mm |
| Inner dimensions of the insulating collar | 3 mm |

### Material specifications

| | |
|---|---|
| Color | white (RAL 9010) |
| 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 | 10 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 |

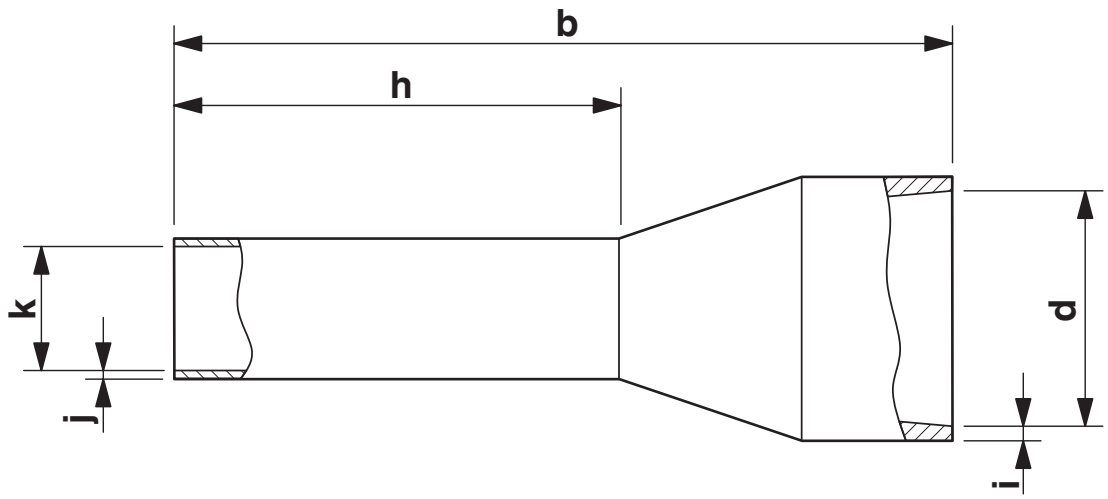
| | |
|---|---|
| Permanent temperature | 105 °C (-40 °C no load / 0 °C dynamic load) |
| Short-term temperature | 120 °C |

## 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)

## Classifications

### ECLASS

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

### ETIM

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

### UNSPSC

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

## 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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