

# AI 0,5 - 8 WH-GB - Ferrule



1208966

<https://www.phoenixcontact.com/us/products/1208966>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



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                          | 1208966       |
| Packing unit                         | 500 pc        |
| Minimum order quantity               | 500 pc        |
| Sales key                            | BH34          |
| Product key                          | BH341S        |
| GTIN                                 | 4046356130387 |
| Weight per piece (including packing) | 0.079 g       |
| Weight per piece (excluding packing) | 0.077 g       |
| Customs tariff number                | 85369010      |
| Country of origin                    | DE            |

1208966

<https://www.phoenixcontact.com/us/products/1208966>

## Technical data

### Product properties

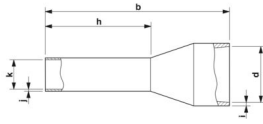
|                    |   |
|--------------------|---|
| Product type       | Cable end sleeve                                |
| Conductor category | stranded conductors, class 2, 5, 6 / B, C, K, M |

### Connection data

#### Conductor connection

|                                       |                     |
|---------------------------------------|---------------------|
| Conductor cross-section flexible max. | 0.5 mm <sup>2</sup> |
| Conductor cross-section AWG max.      | 20                  |
| Stripping length                      | 11 mm               |

### Dimensions

|   |   |
|---|---|
| Dimensional drawing                       |  |
| Sleeve length                             | 8 mm  |
| Maximum stripping length                  | 11 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 | 8 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)   |

# AI 0,5 - 8 WH-GB - Ferrule

1208966

<https://www.phoenixcontact.com/us/products/1208966>



|                        |        |
|------------------------|--------|
| 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)

# AI 0,5 - 8 WH-GB - Ferrule

1208966

<https://www.phoenixcontact.com/us/products/1208966>



## Classifications

### ECLASS

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

### ETIM

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

### UNSPSC

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

# AI 0,5 - 8 WH-GB - Ferrule

1208966

<https://www.phoenixcontact.com/us/products/1208966>



## Environmental product compliance

### 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 | 0.001 kg CO2e |
|---------|---------------|

Phoenix Contact 2026 © - all rights reserved  
<https://www.phoenixcontact.com>

Phoenix Contact USA  
586 Fulling Mill Road  
Middletown, PA 17057, United States  
(+717) 944-1300  
[info@phoenixcon.com](mailto:info@phoenixcon.com)