

# AI 0,5 -12 WH - Ferrule



3200506

<https://www.phoenixcontact.com/gb/products/3200506>

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Ferrule, sleeve length: 12 mm, color: white

## Your advantages

- The insulation reliability of close connections is increased and the splicing of wires is prevented
- The ferrules with plastic sleeve are made from soft tin-plated electrolytic copper
- The AI 0,25.. ferrules can also be used to process 0.14 mm² conductors

## Commercial data

|                                      |                     |
|--------------------------------------|---------------------|
| Item number                          | 3200506             |
| Packing unit                         | 100 pc              |
| Minimum order quantity               | 100 pc              |
| Sales key                            | BH3411              |
| Product key                          | BH3411              |
| Catalog page                         | Page 481 (C-3-2019) |
| GTIN                                 | 4017918094119       |
| Weight per piece (including packing) | 0.103 g             |
| Weight per piece (excluding packing) | 0.09 g              |
| Customs tariff number                | 85369010            |
| Country of origin                    | DE                  |

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## Technical data

### Notes

|         |  |
|---------|--|
| General | Measurement I2 differs from DIN 46228-4: 1990-09 |
|---------|--|

### Product properties

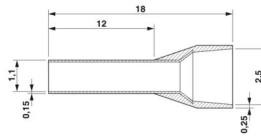
|                    |   |
|--------------------|---|
| Product type       | Cable end sleeve                                |
| Conductor category | stranded conductors, class 2, 5, 6 / B, C, K, M |

### Connection data

#### Conductor connection

|                                       |                     |
|---------------------------------------|---------------------|
| Conductor cross section flexible max. | 0.5 mm <sup>2</sup> |
| Conductor cross section AWG max.      | 20                  |
| Stripping length                      | 15 mm               |

### Dimensions

|   |  |
|---|--|
| Dimensional drawing                       |  |
| Sleeve length                             | 12 mm  |
| Maximum stripping length                  | 15 mm  |
| Ferrule diameter                          | 1.1 mm   |
| Sleeve wall thickness                     | 0.15 mm  |
| Insulating collar thickness               | 0.25 mm  |
| Inner dimensions of the insulating collar | 2.5 mm   |

### Material specifications

|  |                                |
|--|--------------------------------|
| Color                                  | white                          |
| Material                               | CU-DHP                         |
| Flammability rating according to UL 94 | HB                             |
| Coating                                | tin-plated (galvanic)          |
| Components                             | free from silicone and halogen |

### Mechanical properties

#### Technical data

|               |       |
|---------------|-------|
| Sleeve length | 12 mm |
|---------------|-------|

### Environmental and real-life conditions

#### Ambient conditions

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

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|                        |        |
|------------------------|--------|
| Short-term temperature | 120 °C |
|------------------------|--------|

## Standards and regulations

|                              |            |
|------------------------------|------------|
| Design according to standard | NFC 63-023 |
|------------------------------|------------|

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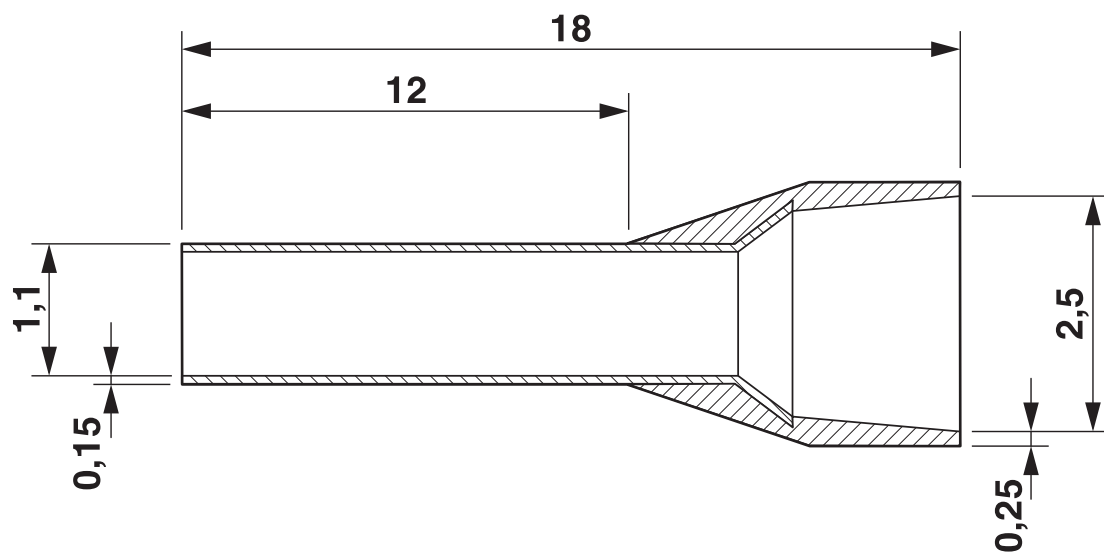
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## Drawings

Dimensional drawing



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## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-11.0 | 27400201 |
| ECLASS-13.0 | 27400201 |
| ECLASS-12.0 | 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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PHOENIX CONTACT Ltd  
Halesfield 13, Telford  
Shropshire, TF7 4PG  
01952 681700  
[info@phoenixcontact.co.uk](mailto:info@phoenixcontact.co.uk)