

# AI 35 -18 RD - Ferrule



3201495

<https://www.phoenixcontact.com/pc/products/3201495>

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Ferrule, sleeve length: 18 mm, color: red

## 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

## Commercial data

|                                      |                     |
|--------------------------------------|---------------------|
| Item number                          | 3201495             |
| Packing unit                         | 50 pc               |
| Minimum order quantity               | 50 pc               |
| Sales key                            | 05                  |
| Product key                          | BH3411              |
| Catalog page                         | Page 481 (C-3-2019) |
| GTIN                                 | 4017918094997       |
| Weight per piece (including packing) | 1.547 g             |
| Weight per piece (excluding packing) | 1.547 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 |

### Data management status

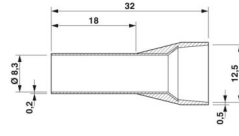
|                  |    |
|------------------|----|
| Article revision | 05 |
|------------------|----|

### Connection data

#### Conductor connection

|                                       |                    |
|---------------------------------------|--------------------|
| Conductor cross section flexible max. | 35 mm <sup>2</sup> |
| Conductor cross section AWG max.      | 2                  |
| Stripping length                      | 22 mm              |

### Dimensions

|                                           |                                                                                      |
|-------------------------------------------|--------------------------------------------------------------------------------------|
| Dimensional drawing                       |  |
| Sleeve length                             | 18 mm                                                                                |
| Maximum stripping length                  | 22 mm                                                                                |
| Ferrule diameter                          | 8.3 mm                                                                               |
| Sleeve wall thickness                     | 0.2 mm                                                                               |
| Insulating collar thickness               | 0.5 mm                                                                               |
| Inner dimensions of the insulating collar | 12.5 mm                                                                              |

### Material specifications

|                                        |                                |
|----------------------------------------|--------------------------------|
| Color                                  | red (RAL 3001)                 |
| 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 | 18 mm |
|---------------|-------|

### Environmental and real-life conditions

#### Ambient conditions

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

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## Standards and regulations

|                              |                        |
|------------------------------|------------------------|
| Design according to standard | DIN 46228-4, UL 486F-E |
|------------------------------|------------------------|

## Mounting

|             |    |
|-------------|----|
| Thread type | () |
|-------------|----|

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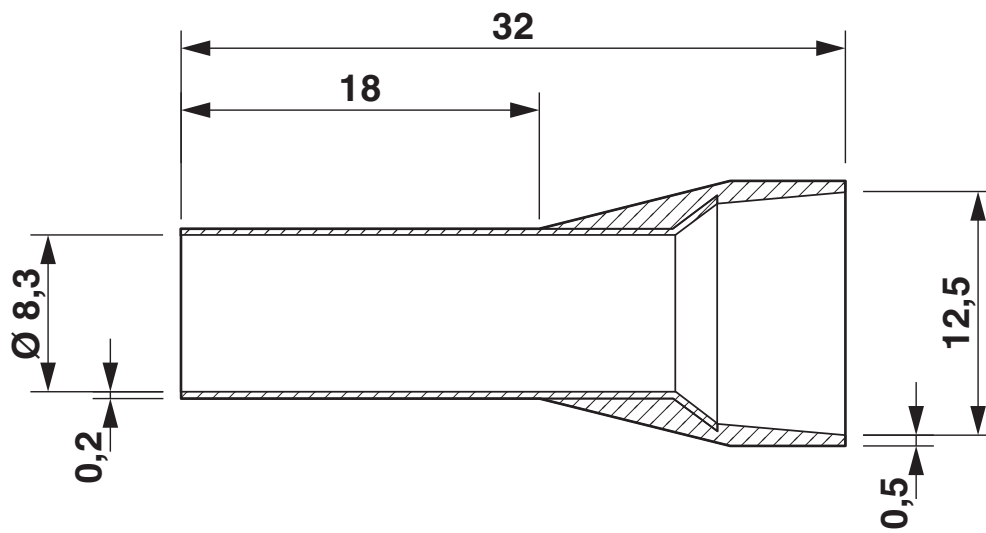
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## Drawings

Dimensional drawing



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## Approvals

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**cULus Listed**

Approval ID: E488001

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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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