

# AI 150-32 YE - Ferrule

2100017

<https://www.phoenixcontact.com/pc/products/2100017>



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Ferrule, Length contact range: 32 mm, sleeve length: 58 mm, color: yellow



## 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                          | 2100017       |
| Packing unit                         | 25 pc         |
| Minimum order quantity               | 25 pc         |
| Product key                          | BH3411        |
| GTIN                                 | 4067923214569 |
| Weight per piece (including packing) | 12.06 g       |
| Weight per piece (excluding packing) | 22.22 g       |
| Customs tariff number                | 85369010      |
| Country of origin                    | DE            |

## Technical data

### Product properties

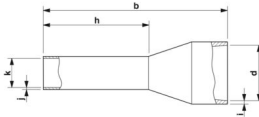
|                    |                                                                            |
|--------------------|----------------------------------------------------------------------------|
| Product type       | Cable end sleeve                                                           |
| Conductor category | stranded conductors, class 2, 5, 6 / B, C, K, M                            |
| Product property   | Made from soft tin-plated electrolytic copper                              |
|                    | Correspond to the requirements of DIN 46228-4 and UL 486F in terms of size |
|                    | Plastic collar made of polypropylene                                       |
|                    | Halogen-free                                                               |
|                    | Long/short-term temperature: +105°C/+120°C                                 |

### Connection data

#### Conductor connection

|                                       |                     |
|---------------------------------------|---------------------|
| Conductor cross-section flexible max. | 150 mm <sup>2</sup> |
| Conductor cross-section AWG max.      | 300 MCM             |
| Stripping length                      | 35 mm               |

### Dimensions

|                                           |                                                                                      |
|-------------------------------------------|--------------------------------------------------------------------------------------|
| Dimensional drawing                       |  |
| Sleeve length                             | 58 mm                                                                                |
| Length contact range                      | 32 mm                                                                                |
| Maximum stripping length                  | 35 mm                                                                                |
| Ferrule diameter                          | 18.6 mm                                                                              |
| Sleeve wall thickness                     | 0.5 mm                                                                               |
| Insulating collar thickness               | 1 mm                                                                                 |
| Inner dimensions of the insulating collar | 22.6 mm                                                                              |

### Material specifications

|                                        |                                |
|----------------------------------------|--------------------------------|
| Color                                  | yellow (RAL 1018)              |
| 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 | 58 mm |
|---------------|-------|

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## Standards and regulations

Design according to standard

Color code in accordance with DIN 46228-4, 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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## Classifications

### ECLASS

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

### ETIM

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