

AI 10 -18 RD - Ferrule

3200616

<https://www.phoenixcontact.com/us/products/3200616>



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Ferrule, sleeve length: 18 mm, color: red

Your advantages

- 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
- The insulation reliability of close connections is increased and the splicing of wires is prevented

Commercial data

| | |
|--------------------------------------|---------------------|
| Item number | 3200616 |
| Packing unit | 100 pc |
| Minimum order quantity | 100 pc |
| Sales key | BH34 |
| Product key | BH3411 |
| Catalog page | Page 481 (C-3-2019) |
| GTIN | 4017918094225 |
| Weight per piece (including packing) | 0.678 g |
| Weight per piece (excluding packing) | 0.65 g |
| Customs tariff number | 85369010 |
| Country of origin | DE |

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Technical data

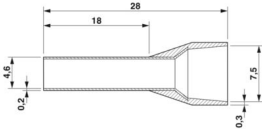
Product properties

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

Connection data

| | |
|---------------------------------------|--------|
| Conductor connection | |
| Conductor cross section flexible max. | 10 mm² |
| Conductor cross section AWG max. | 8 |
| Stripping length | 21 mm |

Dimensions

| | |
|---|---|
| Dimensional drawing |  |
| Sleeve length | 18 mm |
| Maximum stripping length | 21 mm |
| Ferrule diameter | 4.6 mm |
| Sleeve wall thickness | 0.2 mm |
| Insulating collar thickness | 0.3 mm |
| Inner dimensions of the insulating collar | 7.5 mm |

Material specifications

| | |
|--|--------------------------------|
| Color | red |
| 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 |

Standards and regulations

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

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Classifications

ECLASS

| | |
|-------------|----------|
| ECLASS-11.0 | 27400201 |
| ECLASS-13.0 | 27400201 |
| ECLASS-12.0 | 27400201 |

ETIM

| | |
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| ETIM 9.0 | EC000005 |
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UNSPSC

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

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Environmental product compliance

| | |
|------------|---|
| China RoHS | Environmentally friendly use period: unlimited = EFUP-e |
| | No hazardous substances above threshold values |

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