

AI 50 -20 OL - Ferrule

3201178

<https://www.phoenixcontact.com/us/products/3201178>



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Ferrule, Length contact range: 20 mm, sleeve length: 36 mm, color: olive



Your advantages

- The ferrules with plastic sleeve are made from soft tin-plated electrolytic copper
- In terms of dimensions, they correspond to DIN 46228-4: 1990-09

Commercial data

| | |
|--------------------------------------|---------------|
| Item number | 3201178 |
| Packing unit | 50 pc |
| Minimum order quantity | 50 pc |
| Sales key | BH34 |
| Product key | BH3411 |
| GTIN | 4017918094713 |
| Weight per piece (including packing) | 3 g |
| Weight per piece (excluding packing) | 3 g |
| Customs tariff number | 85369010 |
| Country of origin | DE |

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Technical data

Product properties

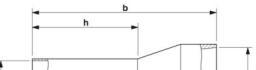
| | |
|--------------------|--|
| Product type | Cable end sleeve |
| Conductor category | stranded conductors, class 2, 5, 6 / B, C, K, M |
| Product property | UL certified |
| | Made from soft tin-plated electrolytic copper |
| | Correspond to the requirements of DIN 46228-1 and UL 486F in terms of 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. | 50 mm ² |
| Conductor cross-section AWG max. | 1/0 |
| Stripping length | 25 mm |

Dimensions

| Dimensional drawing | |
|---|--|
| |  |
| Sleeve length | 36 mm |
| Length contact range | 20 mm |
| Maximum stripping length | 25 mm |
| Ferrule diameter | 10.3 mm |
| Sleeve wall thickness | 0.35 mm |
| Insulating collar thickness | 0.6 mm |
| Inner dimensions of the insulating collar | 15 mm |

Material specifications

| | |
|--|--------------------------------|
| Color | bottle green (RAL 6007) |
| 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

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| | |
|---------------|-------|
| Sleeve length | 36 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

| | |
|------------------------------|------------------------|
| Design according to standard | UL 486F-E, Sonderfarbe |
|------------------------------|------------------------|

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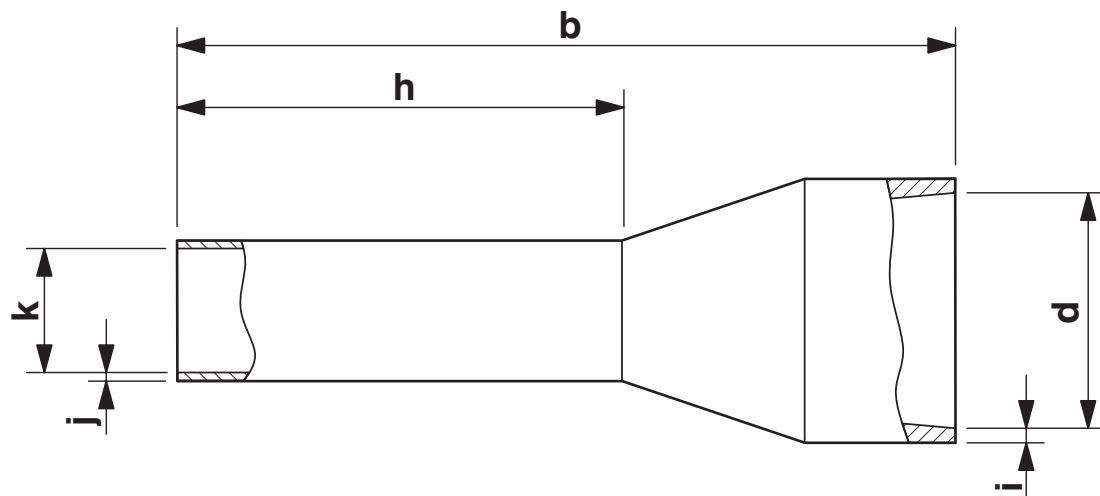


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Drawings

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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Approvals

ⓘ To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/3201178>



cULus Listed

Approval ID: E488001

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Classifications

ECLASS

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

ETIM

| | |
|----------|----------|
| ETIM 9.0 | EC000005 |
|----------|----------|

UNSPSC

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

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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