

AI 4-12 GY-5000 - Ferrule



2100053

<https://www.phoenixcontact.com/gb/products/2100053>

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Ferrule, Length contact range: 12 mm, sleeve length: 20 mm, color: gray

Your advantages

- The ferrules with plastic sleeve are made from soft tin-plated electrolytic copper
- The insulation reliability of close connections is increased and the splicing of wires is prevented

Commercial data

| | |
|--------------------------------------|---------------|
| Item number | 2100053 |
| Packing unit | 5,000 pc |
| Minimum order quantity | 20,000 pc |
| Sales key | BH3411 |
| Product key | BH3411 |
| GTIN | 4067923214828 |
| Weight per piece (excluding packing) | 22.22 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. | 4 mm ² |
| Conductor cross section AWG max. | 12 |
| Stripping length | 15 mm |

Dimensions

| | |
|---|--------|
| Dimensional drawing | |
| Sleeve length | 20 mm |
| Length contact range | 12 mm |
| Maximum stripping length | 15 mm |
| Ferrule diameter | 2.8 mm |
| Sleeve wall thickness | 0.2 mm |
| Insulating collar thickness | 0.3 mm |
| Inner dimensions of the insulating collar | 4.8 mm |

Material specifications

| | |
|--|--------------------------------|
| Color | gray (RAL 7042) |
| 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 | 20 mm |
|---------------|-------|

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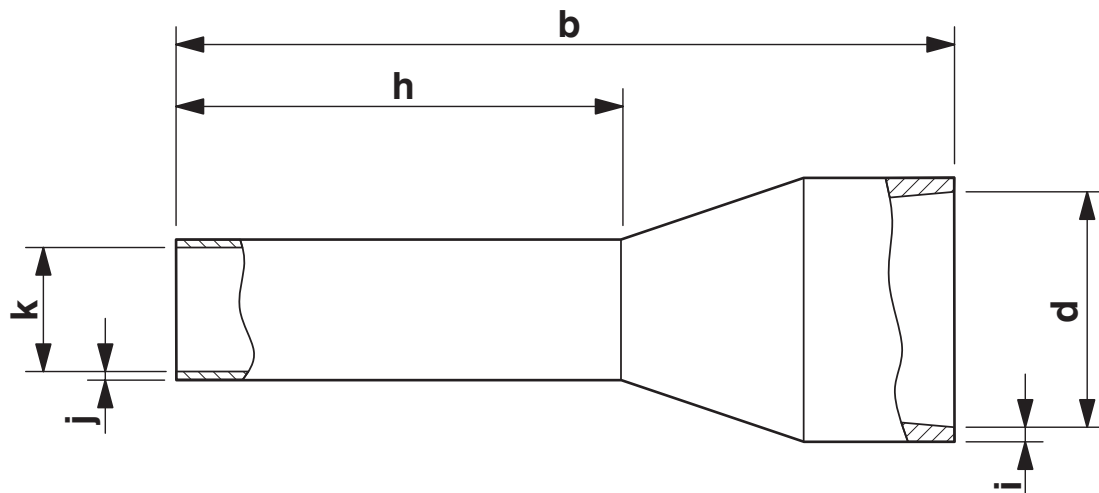
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Standards and regulations

| | |
|------------------------------|------------------------|
| Design according to standard | 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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Approvals

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cULus Listed

Approval ID: E488001

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Classifications

ECLASS

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

ETIM

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

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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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