

AI-TWIN 2X 2,5 -16 BU - Ferrule

1200281

<https://www.phoenixcontact.com/us/products/1200281>

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Ferrule, Length contact range: 16 mm, sleeve length: 21.5 mm, color: blue



Your advantages

- These special ferrules allow chain bridges to be set up with ease
- The TWIN ferrules provide a practical way of crimping two conductors in one ferrule
- Different versions of the individual TWIN ferrules can be selected for specific applications

Commercial data

| | |
|--------------------------------------|---------------|
| Item number | 1200281 |
| Packing unit | 100 pc |
| Minimum order quantity | 100 pc |
| Sales key | BH34 |
| Product key | BH3413 |
| GTIN | 4055626351414 |
| Weight per piece (including packing) | 0.414 g |
| Weight per piece (excluding packing) | 0.414 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 | Made from soft tin-plated electrolytic copper |
| | Correspond to the requirements of UL 486F |
| | Plastic collar made of polypropylene |
| | Halogen-free |
| | Long/short-term temperature: +105°C/+120°C |

Connection data

Conductor connection

| | |
|--|---------------------|
| Conductor cross-section flexible max. | 2.5 mm ² |
| Conductor cross-section flexible, with TWIN ferrule max. | 2.5 mm ² |
| Conductor cross-section AWG max. | 14 |
| Stripping length | 16 mm |

Dimensions

| | |
|---|--|
| Dimensional drawing |  |
| Sleeve length | 21.5 mm |
| Length contact range | 16 mm |
| Maximum stripping length | 16 mm |
| Ferrule diameter | 2.9 mm |
| Sleeve wall thickness | 0.2 mm |
| Insulating collar thickness | 0.3 mm |
| Inner dimensions of the insulating collar | 4.2 mm |

Material specifications

| | |
|--|--------------------------------|
| Color | blue (RAL 5015) |
| 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 | 21.5 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 | DIN 46228-4 |
|------------------------------|-------------|

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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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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% |
|-------------------------------------|----------------------------|

EF3.1 Climate Change

| | |
|---------|---------------|
| CO2e kg | 0.008 kg CO2e |
|---------|---------------|

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