

AI-S 1 - 8 TQ - Ferrule

1200293

<https://www.phoenixcontact.com/us/products/1200293>



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Ferrule, S-Slimline, Length contact range: 8 mm, sleeve length: 14 mm, color: turquoise



Your advantages

- Plastic collar with optimized diameter for 1.0 mm² cables, with max. insulation outside diameter of 2.8 mm
- Suitable for all PT 1,5/S terminal blocks and COMBI connectors with a width of 3.5 mm
- 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 | 1200293 |
| Packing unit | 100 pc |
| Minimum order quantity | 100 pc |
| Sales key | BH34 |
| Product key | BH3411 |
| GTIN | 4055626388106 |
| Weight per piece (including packing) | 0.098 g |
| Weight per piece (excluding packing) | 0.098 g |
| Customs tariff number | 85369010 |
| Country of origin | DE |

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Technical data

Product properties

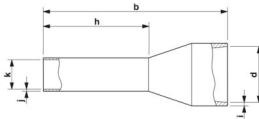
| | |
|------------------|--|
| Product type | Cable end sleeve |
| Product property | Made from soft tin-plated electrolytic copper |
| | Correspond to the requirements of DIN 46228-4 and UL 486F in terms of size |
| | Plastic collar made of polypropylene |
| | Halogen-free |
| | Long/short-term temperature: +105°C/+120°C |

Connection data

Conductor connection

| | |
|---------------------------------------|-------------------|
| Conductor cross-section flexible max. | 1 mm ² |
| Conductor cross-section AWG max. | 18 |
| Stripping length | 11 mm |

Dimensions

| | |
|---|--|
| Dimensional drawing |  |
| Sleeve length | 14 mm |
| Length contact range | 8 mm |
| Maximum stripping length | 11 mm |
| Ferrule diameter | 1.5 mm |
| Sleeve wall thickness | 0.15 mm |
| Insulating collar thickness | 0.25 mm |
| Inner dimensions of the insulating collar | 2.8 mm |

Material specifications

| | |
|--|--------------------------------|
| Color | pastel turquoise (RAL 6034) |
| 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 | 14 mm |
|---------------|-------|

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Environmental and real-life conditions

Ambient conditions

| | |
|------------------------|---|
| Permanent temperature | 105 °C (-40 °C no load / 0 °C dynamic load) |
| Short-term temperature | 120 °C |

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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 |
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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 | 0.002 kg CO2e |
|---------|---------------|

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