

# AI 0,34-10 TQ-25000 - Ferrule



2100142

<https://www.phoenixcontact.com/gb/products/2100142>

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Ferrule, Length contact range: 10 mm, sleeve length: 14.5 mm, color: turquoise

## Your advantages

- The ferrules with plastic sleeve are made from soft tin-plated electrolytic copper

## Commercial data

Item number	2100142
Packing unit	25,000 pc
Minimum order quantity	50,000 pc
Sales key	BH3411
Product key	BH3411
GTIN	4067923213623
Weight per piece (excluding packing)	22.22 g
Customs tariff number	85369010
Country of origin	DE

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## Technical data

### Product properties

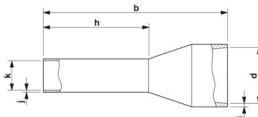
Product type	Cable end sleeve
Conductor category	stranded conductors, class 2, 5, 6 / B, C, K, M
Product property	UL certified
	Made from soft tin-plated electrolytic copper
	Correspond to the requirements of DIN 46228-1 and UL 486F in terms of size
	Plastic collar made of polypropylene
	Halogen-free
	Long/short-term temperature: +105°C/+120°C

### Connection data

#### Conductor connection

Conductor cross section flexible max.	0.34 mm²
Conductor cross section AWG max.	22
Stripping length	12 mm

### Dimensions

Dimensional drawing	
Sleeve length	14.5 mm
Length contact range	10 mm
Maximum stripping length	12 mm
Ferrule diameter	0.8 mm
Sleeve wall thickness	0.15 mm
Insulating collar thickness	0.25 mm
Inner dimensions of the insulating collar	2 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

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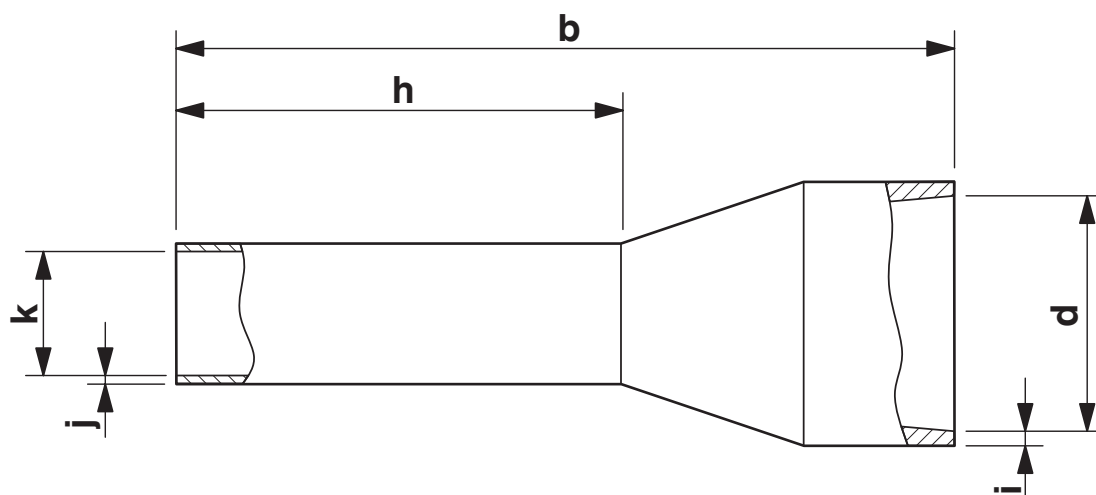
Sleeve length	14.5 mm
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## Standards and regulations

Design according to standard	Special color
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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/gb/products/2100142>



**cULus Listed**

Approval ID: E488001

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## Classifications

### ECLASS

ECLASS-13.0	27400201
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### ETIM

ETIM 9.0	EC000005
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## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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### 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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