

AI 1-8 RD-25000 - Ferrule

2100096

<https://www.phoenixcontact.com/us/products/2100096>



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Ferrule, Length contact range: 8 mm, sleeve length: 14 mm, color: red

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	2100096
Packing unit	25,000 pc
Minimum order quantity	25,000 pc
Sales key	BH34
Product key	BH3411
GTIN	4067923213876
Weight per piece (including packing)	0.1 g
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
Product property	UL certified
	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	red (RAL 3001)
Flammability rating according to UL 94	HB
Coating	galvanically tin-plated
Surface characteristics	Tin-plated
Components	free from silicone and halogen

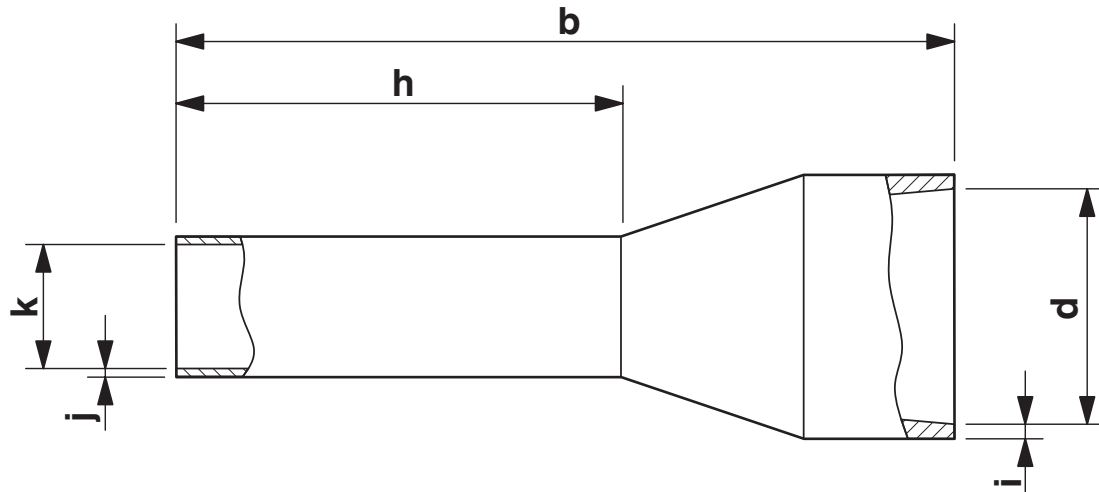
Mechanical properties

Technical data

Sleeve length	14 mm
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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
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%

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