

AI 0,25-8 VT - Ferrule



2100147

<https://www.phoenixcontact.com/us/products/2100147>

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Ferrule, Length contact range: 8 mm, sleeve length: 12.5 mm, color: violet

Your advantages

- The AI 0,25.. ferrules can also be used to process 0.14 mm² conductors
- The AI 0,25.. ferrules can also be used to process 0.14 mm² conductors

Commercial data

Item number	2100147
Packing unit	100 pc
Minimum order quantity	100 pc
Sales key	BH34
Product key	BH3411
GTIN	4067923213135
Weight per piece (including packing)	0.058 g
Weight per piece (excluding packing)	0.058 g
Customs tariff number	85369010
Country of origin	DE

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Technical data

Product properties

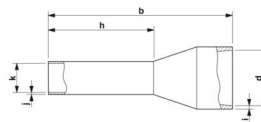
Product type	Cable end sleeve
Product property	UL certified
	Made from soft tin-plated electrolytic copper
	Correspond to the requirements of DIN 46228-4 and UL 486F in terms of size
	Plastic collar made of polypropylene
	Halogen-free
	Long/short-term temperature: +105°C/+120°C

Connection data

Conductor connection

Conductor cross-section flexible min.	0.14 mm ²
Conductor cross-section flexible max.	0.34 mm ²
Conductor cross-section AWG min.	26
Conductor cross-section AWG max.	24
Stripping length	10 mm

Dimensions

Dimensional drawing	
Sleeve length	12.5 mm
Length contact range	8 mm
Maximum stripping length	10 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	violet (RAL 4005)
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

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Sleeve length	12.5 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

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

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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%
EF3.1 Climate Change	
CO2e kg	0.002 kg CO2e

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