

AI 16-12 BU-1500 - Ferrule

2100036

<https://www.phoenixcontact.com/pc/products/2100036>



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Ferrule, Length contact range: 12 mm, sleeve length: 24 mm, color: blue



Commercial data

Item number	2100036
Packing unit	1,500 pc
Minimum order quantity	6,000 pc
Product key	BH3411
GTIN	4067923214255
Weight per piece (including packing)	0.853 g
Weight per piece (excluding packing)	0.853 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.	16 mm ²
Conductor cross-section AWG max.	6
Stripping length	16 mm

Dimensions

Dimensional drawing	
Sleeve length	24 mm
Length contact range	12 mm
Maximum stripping length	16 mm
Ferrule diameter	5.8 mm
Sleeve wall thickness	0.2 mm
Insulating collar thickness	0.4 mm
Inner dimensions of the insulating collar	8.8 mm

Material specifications

Color	blue (RAL 5015)
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	24 mm
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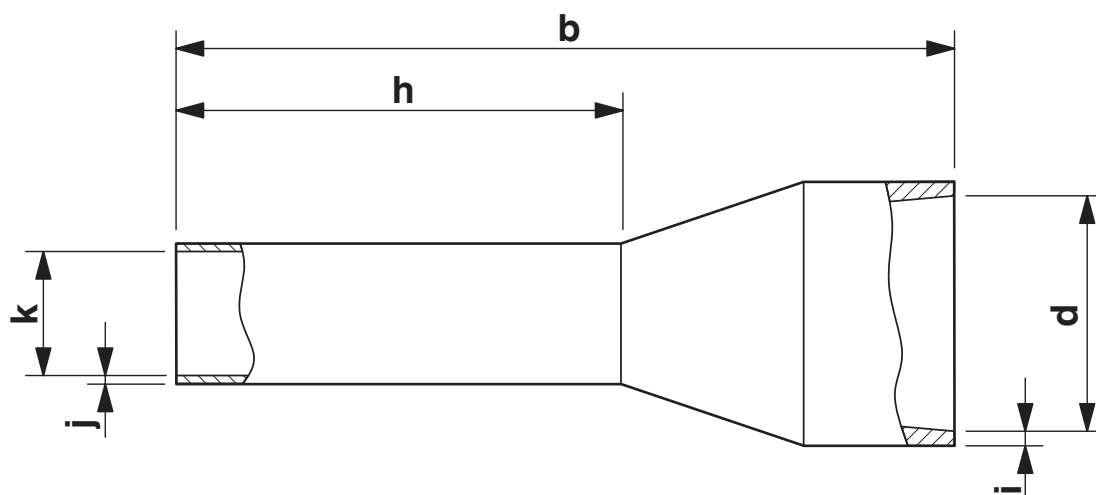
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Standards and regulations

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

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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 9.0	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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Accessories

CRIMPFOX 25R - Crimping pliers

1212039

<https://www.phoenixcontact.com/pc/products/1212039>



Crimping pliers, for ferrules without insulating collar according to DIN 46228 Part 1 and ferrules with insulating collar according to DIN 46228 Part 4, 10 mm² ... 25 mm², lateral entry, WM crimp

CRIMPFOX DUO 16S - Crimping pliers

1202877

<https://www.phoenixcontact.com/pc/products/1202877>



Crimping pliers, contact type: insulated and uninsulated ferrules, standards/regulations: DIN 46228-1, DIN 46228-4, UL 486F, Form A, E, F, cross-section, minimum: 0.14 mm², cross-section, maximum: 16 mm², for TWIN ferrules up to 2 mm² x 6 mm², automatic cross-section adjustment, rotating dies, lateral and front entry, crimping: square

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