

AI-XL 16 -12 BU - Ferrule



3201961

<https://www.phoenixcontact.com/us/products/3201961>

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Ferrule, Length contact range: 12 mm, sleeve length: 25.5 mm, color: blue

Your advantages

- Previous methods of achieving correct conductor insulation are much more time consuming
- These ferrules can be used for short-circuit-proof cables

Commercial data

Item number	3201961
Packing unit	100 pc
Minimum order quantity	100 pc
Sales key	BH34
Product key	BH341S
GTIN	4017918117412
Weight per piece (including packing)	0.95 g
Weight per piece (excluding packing)	0.95 g
Customs tariff number	85369010
Country of origin	DE

Technical data

Product properties

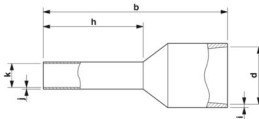
Product type	Cable end sleeve
Product property	Suitable for short-circuit-proof cables (NSGAFÖU) due to the significantly increased collar diameter
	UL certified
	Made from soft tin-plated electrolytic copper
	Correspond to the requirements of UL 486F
	Plastic collar made of polypropylene
	Halogen-free
	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	18 mm

Dimensions

Dimensional drawing	
Sleeve length	25.5 mm
Length contact range	12 mm
Maximum stripping length	18 mm
Ferrule diameter	6 mm
Sleeve wall thickness	0.2 mm
Insulating collar thickness	0.4 mm
Inner dimensions of the insulating collar	12.5 mm

Material specifications

Color	blue (RAL 5015)
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	25.5 mm
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Environmental and real-life conditions

Ambient conditions

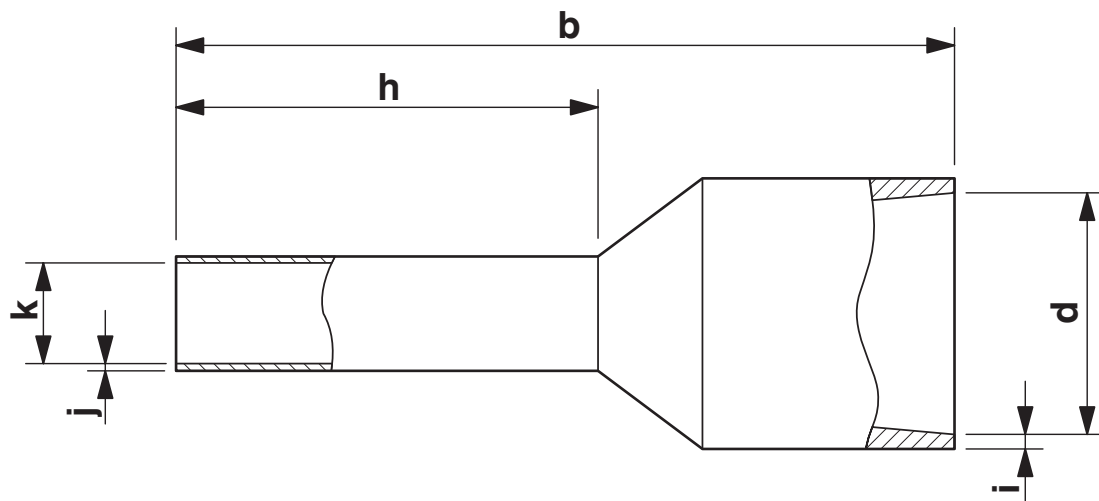
Optimum ambient temperature (storage/transport)	23.00 °C 50.00 % Storage in a dry and dark place in the original packaging is recommended
Permanent temperature	105 °C (-40 °C no load / 0 °C dynamic load)
Short-term temperature	120 °C

Standards and regulations

Design according to standard	UL 486F-E
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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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