

AI-XL 2,5-12 BU - Ferrule

3201987

<https://www.phoenixcontact.com/us/products/3201987>



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Ferrule, Length contact range: 12 mm, sleeve length: 18 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	3201987
Packing unit	100 pc
Minimum order quantity	100 pc
Sales key	BH34
Product key	BH341S
Catalog page	Page 485 (C-3-2019)
GTIN	4017918125066
Weight per piece (including packing)	0.3 g
Weight per piece (excluding packing)	0.3 g
Customs tariff number	85369010
Country of origin	DE

Technical data

Product properties

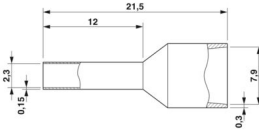
Product type	Cable end sleeve
Conductor category	stranded conductors, class 2, 5, 6 / B, C, K, M
Product property	Suitable for short-circuit-proof cables (NSGAFÖU) due to the significantly increased collar diameter
	UL certified
	Made from soft tin-plated electrolytic copper
	halogen-free

Connection data

Conductor connection

Conductor cross section flexible max.	2.5 mm ²
Conductor cross section AWG max.	14
Stripping length	17 mm

Dimensions

Dimensional drawing	
Sleeve length	18 mm
Length contact range	12 mm
Maximum stripping length	17 mm
Ferrule diameter	2.3 mm
Sleeve wall thickness	0.15 mm
Insulating collar thickness	0.3 mm
Inner dimensions of the insulating collar	7.9 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

Sleeve length	18 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	Color code in accordance with DIN 46228-4, UL 486F-E
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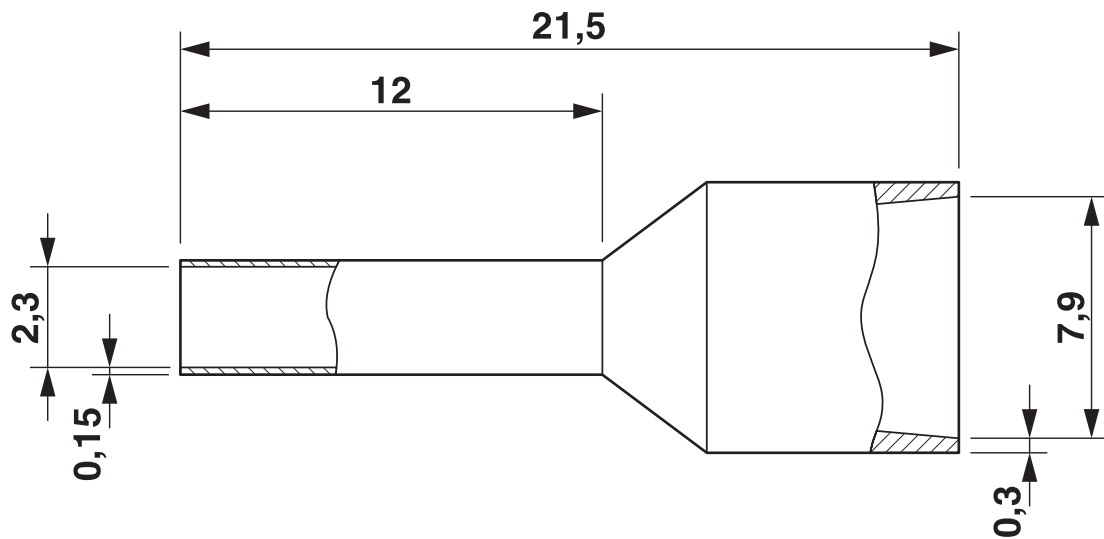
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Drawings

Dimensional drawing



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Approvals

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cULus Listed

Approval ID: E488001

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Classifications

ECLASS

ECLASS-11.0	27400201
ECLASS-13.0	27400201
ECLASS-12.0	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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