AI-XL 6 -12 YE - Ferrule

3201945

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Ferrule, Length contact range: 12 mm, sleeve length: 23 mm, color: yellow

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	3201945
Packing unit	100 pc
Minimum order quantity	100 pc
Sales key	BH34
Product key	BH341S
GTIN	4017918117375
Weight per piece (including packing)	0.52 g
Weight per piece (excluding packing)	0.5 g
Customs tariff number	85369010
Country of origin	DE

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Technical data

Product properties

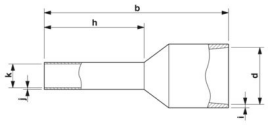
Product type	Cable end sleeve
Conductor category	stranded conductors, class 2, 5, 6 / B, C, K, M
Product property	Suitable for short-circuit-proof cables (NSGAFÖU) due to the significantly increased collar diameter
	UL certified
	Made from soft tin-plated electrolytic copper
	Correspond to the requirements 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.	6 mm²
Conductor cross-section AWG max.	10
Stripping length	18 mm

Dimensions

Dimensional drawing	
Sleeve length	23 mm
Length contact range	12 mm
Maximum stripping length	18 mm
Ferrule diameter	3.6 mm
Sleeve wall thickness	0.2 mm
Insulating collar thickness	0.3 mm
Inner dimensions of the insulating collar	8.7 mm

Material specifications

Color	yellow (RAL 1018)
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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Technical data

Sleeve length	23 mm

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

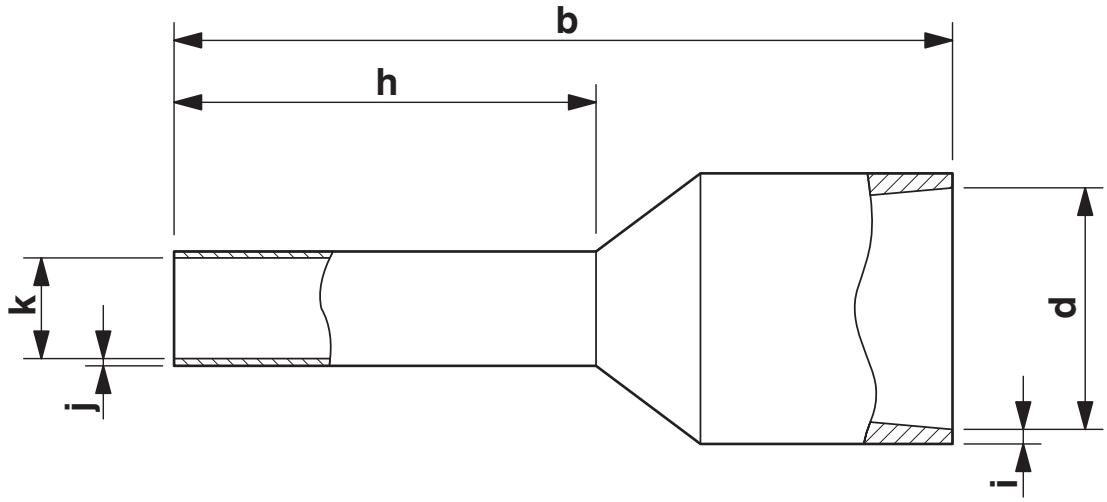
Standards and regulations

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

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/3201945

cULus Listed
Approval ID: E488001

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Classifications

ECLASS

ECLASS-13.0	27400201
ECLASS-15.0	27400201

ETIM

ETIM 9.0	EC000005

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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