

AI-TWIN 2X 1 - 12 YE - Ferrule

2100007

<https://www.phoenixcontact.com/us/products/2100007>



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Ferrule, Length contact range: 12 mm, sleeve length: 12 mm

Your advantages

- These special ferrules allow chain bridges to be set up with ease
- The TWIN ferrules provide a practical way of crimping two conductors in one ferrule
- Different versions of the individual TWIN ferrules can be selected for specific applications

Commercial data

Item number	2100007
Packing unit	100 pc
Minimum order quantity	100 pc
Sales key	BH34
Product key	BH3413
GTIN	4067923215146
Weight per piece (including packing)	0.19 g
Weight per piece (excluding packing)	0.19 g
Customs tariff number	85369010
Country of origin	DE

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Technical data

Product properties

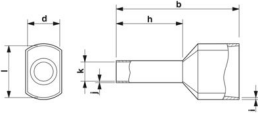
Product type	Cable end sleeve
Conductor category	stranded conductors, class 2, 5, 6 / B, C, K, M
Product property	UL certified
	Made from soft tin-plated electrolytic copper
	Correspond to the requirements of UL 486F
	Plastic collar made of polypropylene
	Halogen-free
	Long/short-term temperature: +105°C/+120°C

Connection data

Conductor connection

Conductor cross-section flexible max.	1 mm²
Conductor cross-section AWG max.	18
Stripping length	16 mm

Dimensions

Dimensional drawing	
Sleeve length	12 mm
Length contact range	12 mm
Maximum stripping length	16 mm
Ferrule diameter	2.05 mm
Sleeve wall thickness	0.15 mm
Insulating collar thickness	0.3 mm
Inner dimensions of the insulating collar	3.4 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

Technical data

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Sleeve length	12 mm
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Environmental and real-life conditions

Ambient conditions

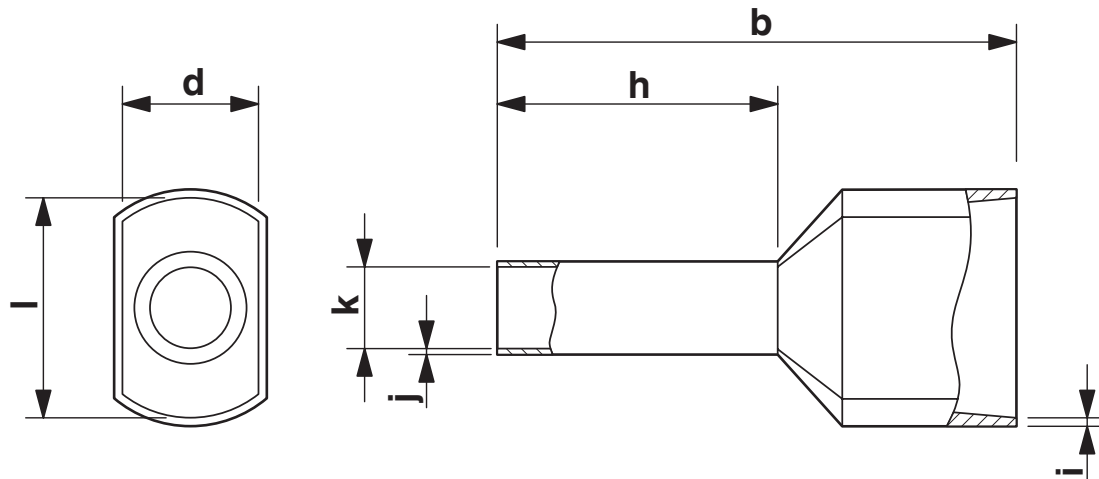
Permanent temperature	105 °C (-40 °C no load / 0 °C dynamic load)
Short-term temperature	120 °C

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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/2100007>



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%

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Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com