

AI-TWIN 2X 4 -12 GY - Ferrule



3201000

<https://www.phoenixcontact.com/us/products/3201000>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



Ferrule, Length contact range: 12 mm, sleeve length: 23 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	3201000
Packing unit	100 pc
Minimum order quantity	100 pc
Sales key	BH34
Product key	BH3413
GTIN	4017918094553
Weight per piece (including packing)	0.5 g
Weight per piece (excluding packing)	0.49 g
Customs tariff number	85369010
Country of origin	DE

AI-TWIN 2X 4 -12 GY - Ferrule



3201000

<https://www.phoenixcontact.com/us/products/3201000>

Technical data

Product properties

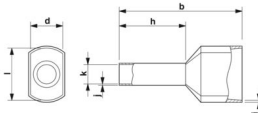
Product type	Cable end sleeve
Conductor category	stranded conductors, class 2, 5, 6 / B, C, K, M
Product property	UL certified
	Made from tin-plated electrolytic copper
	Design in accordance with UL 486F
	With "Easy Entry" (conical insertion area)
	Plastic collar made of polypropylene
	Halogen-free
	Long/short-term temperature: +105°C/+120°C

Connection data

Conductor connection

Conductor cross-section flexible max.	4 mm ²
Conductor cross-section AWG max.	12
Stripping length	17 mm

Dimensions

Dimensional drawing	
Sleeve length	23 mm
Length contact range	12 mm
Maximum stripping length	17 mm
Ferrule diameter	3.8 mm
Sleeve wall thickness	0.2 mm
Insulating collar thickness	0.3 mm
Inner dimensions of the insulating collar	4.9 mm

Material specifications

Color	gray (RAL 7042)
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

AI-TWIN 2X 4 -12 GY - Ferrule



3201000

<https://www.phoenixcontact.com/us/products/3201000>

Technical data

Sleeve length	23 mm
---------------	-------

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

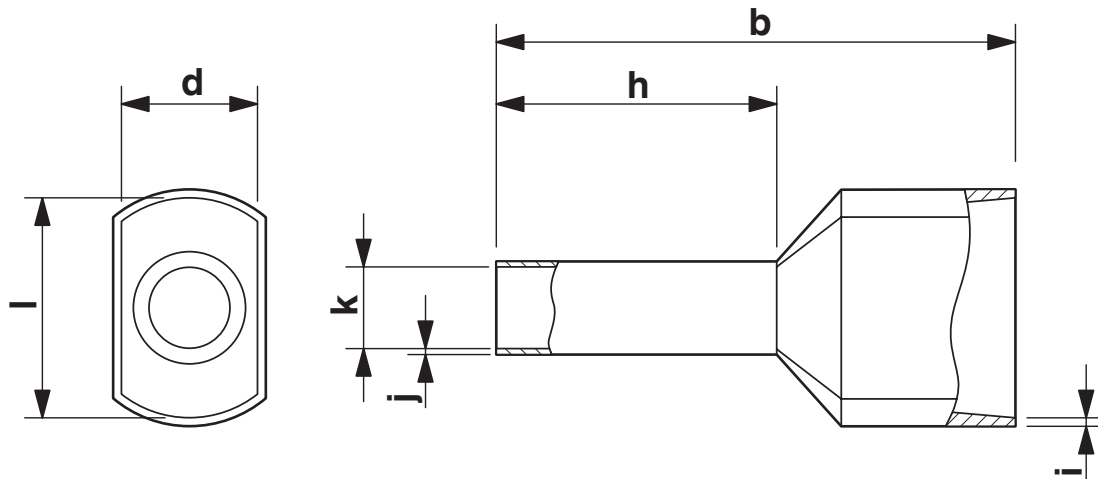
Design according to standard	DIN 46228-4, UL 486F-F
------------------------------	------------------------

3201000

<https://www.phoenixcontact.com/us/products/3201000>

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)

AI-TWIN 2X 4 -12 GY - Ferrule

3201000

<https://www.phoenixcontact.com/us/products/3201000>



Approvals

🔗 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/3201000>



cULus Listed

Approval ID: E488001

AI-TWIN 2X 4 -12 GY - Ferrule



3201000

<https://www.phoenixcontact.com/us/products/3201000>

Classifications

ECLASS

ECLASS-13.0	27400201
ECLASS-15.0	27400201

ETIM

ETIM 10.0	EC000005
-----------	----------

UNSPSC

UNSPSC 21.0	27121700
-------------	----------

AI-TWIN 2X 4 -12 GY - Ferrule



3201000
<https://www.phoenixcontact.com/us/products/3201000>

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%
EF3.1 Climate Change	
CO2e kg	0.008 kg CO2e

Phoenix Contact 2026 © - all rights reserved
<https://www.phoenixcontact.com>

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