

AI 0,14-8 BN - Ferrule



2100149

<https://www.phoenixcontact.com/gb/products/2100149>

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: 8 mm, sleeve length: 12.5 mm, color: brown

Commercial data

Item number	2100149
Packing unit	100 pc
Minimum order quantity	100 pc
Sales key	BH3411
Product key	BH3411
GTIN	4067923213388
Weight per piece (including packing)	0.059 g
Weight per piece (excluding packing)	0.059 g
Customs tariff number	85369010
Country of origin	DE

AI 0,14-8 BN - Ferrule

2100149

<https://www.phoenixcontact.com/gb/products/2100149>



Technical data

Product properties

Product type	Cable end sleeve
Product property	UL certified
	Made from soft tin-plated electrolytic copper
	Correspond to the requirements of DIN 46228-1 and UL 486F in terms of size
	Plastic collar made of polypropylene
	Halogen-free
	Long/short-term temperature: +105°C/+120°C

Connection data

Conductor connection

Conductor cross section flexible max.	0.14 mm ²
Conductor cross section AWG max.	26
Stripping length	10 mm

Dimensions

Dimensional drawing	
Sleeve length	12.5 mm
Length contact range	8 mm
Maximum stripping length	10 mm
Ferrule diameter	0.8 mm
Sleeve wall thickness	0.15 mm
Insulating collar thickness	0.25 mm
Inner dimensions of the insulating collar	2 mm

Material specifications

Color	brown (RAL 8028)
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	12.5 mm
---------------	---------

AI 0,14-8 BN - Ferrule

2100149

<https://www.phoenixcontact.com/gb/products/2100149>



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	Special color
------------------------------	---------------

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 0,14-8 BN - Ferrule



2100149

<https://www.phoenixcontact.com/gb/products/2100149>

Approvals

🔗 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/gb/products/2100149>



cULus Listed

Approval ID: E488001

AI 0,14-8 BN - Ferrule



2100149

<https://www.phoenixcontact.com/gb/products/2100149>

Classifications

ECLASS

ECLASS-13.0	27400201
-------------	----------

ETIM

ETIM 9.0	EC000005
----------	----------

AI 0,14-8 BN - Ferrule



2100149
<https://www.phoenixcontact.com/gb/products/2100149>

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%

Phoenix Contact 2025 © - all rights reserved
<https://www.phoenixcontact.com>

PHOENIX CONTACT Ltd
Halesfield 13, Telford
Shropshire, TF7 4PG
01952 681700
info@phoenixcontact.co.uk