

AI 35-18 BE - Ferrule

2100028

<https://www.phoenixcontact.com/gb/products/2100028>



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: 18 mm, sleeve length: 30 mm, color: beige

Your advantages

- The insulation reliability of close connections is increased and the splicing of wires is prevented

Commercial data

Item number	2100028
Packing unit	50 pc
Minimum order quantity	50 pc
Sales key	BH3411
Product key	BH3411
GTIN	4067923215023
Weight per piece (including packing)	1.546 g
Weight per piece (excluding packing)	1.545 g
Customs tariff number	85369010
Country of origin	DE

AI 35-18 BE - Ferrule



2100028
<https://www.phoenixcontact.com/gb/products/2100028>

Technical data

Product properties

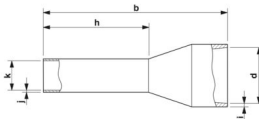
Product type	Cable end sleeve
Conductor category	stranded conductors, class 2, 5, 6 / B, C, K, M
Product property	UL certified
	Made from soft tin-plated electrolytic copper
	Correspond to the requirements of DIN 46228-1 and UL 486F in terms of size
	Plastic collar made of polypropylene
	Halogen-free
	Long/short-term temperature: +105°C/+120°C

Connection data

Conductor connection

Conductor cross section flexible max.	35 mm²
Conductor cross section AWG max.	2
Stripping length	22 mm

Dimensions

Dimensional drawing	
Sleeve length	30 mm
Length contact range	18 mm
Maximum stripping length	22 mm
Ferrule diameter	8.3 mm
Sleeve wall thickness	0.2 mm
Insulating collar thickness	0.5 mm
Inner dimensions of the insulating collar	12.5 mm

Material specifications

Color	beige (RAL 7032)
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

AI 35-18 BE - Ferrule



2100028

<https://www.phoenixcontact.com/gb/products/2100028>

Sleeve length	30 mm
---------------	-------

Standards and regulations

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

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 35-18 BE - Ferrule

2100028

<https://www.phoenixcontact.com/gb/products/2100028>



Approvals

🔗 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/gb/products/2100028>



cULus Listed

Approval ID: E488001

AI 35-18 BE - Ferrule



2100028

<https://www.phoenixcontact.com/gb/products/2100028>

Classifications

ECLASS

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

ETIM

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

AI 35-18 BE - Ferrule



2100028
<https://www.phoenixcontact.com/gb/products/2100028>

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