

AI 0,25-8 YE-B - Ferrule



3240251

<https://www.phoenixcontact.com/us/products/3240251>

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.

Ferrules, taped, 0.25 mm², sleeve length: 8 mm, color: yellow (CF 3000-TOOLKIT 0,25 is required)



Your advantages

- The taped ferrules were developed specifically for the CF 3000-2,5 automatic crimping device
- Available in the main color ranges up to 2.5 mm²
- Can be used to wire all terminal blocks, especially those of the CLIPLINE complete system

Commercial data

Item number	3240251
Packing unit	1,000 pc
Minimum order quantity	1,000 pc
Sales key	BH34
Product key	BH3414
GTIN	4046356461412
Weight per piece (including packing)	0.104 g
Weight per piece (excluding packing)	0.099 g
Customs tariff number	85369010
Country of origin	DE

AI 0,25-8 YE-B - Ferrule

3240251

<https://www.phoenixcontact.com/us/products/3240251>



Technical data

Product properties

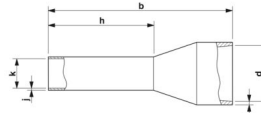
Product type	Cable end sleeve
Product property	Taped design for automated production
	UL certified
	Made from soft tin-plated electrolytic copper
	Correspond to the requirements of DIN 46228-4 and UL 486F in terms of size
	Plastic collar made of polypropylene
	Halogen-free
	Long/short-term temperature: +105°C/+120°C

Connection data

Conductor connection

Conductor cross-section flexible min.	0.25 mm²
Conductor cross-section flexible max.	0.34 mm²
Conductor cross-section AWG min.	24
Conductor cross-section AWG max.	22
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	2.2 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

AI 0,25-8 YE-B - Ferrule

3240251

<https://www.phoenixcontact.com/us/products/3240251>



Mechanical properties

Technical data

Sleeve length	12.5 mm
---------------	---------

Environmental and real-life conditions

Ambient conditions

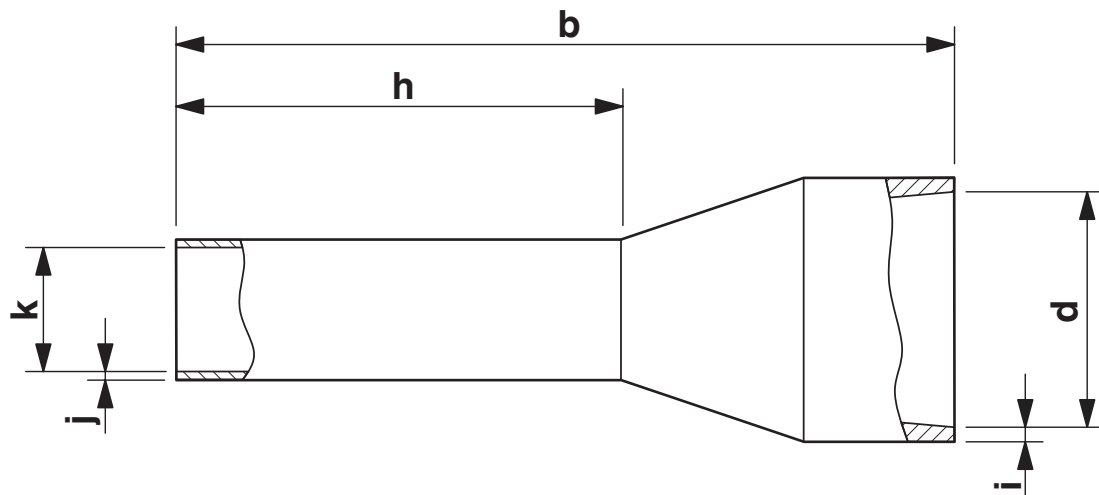
Permanent temperature	105 °C (-40 °C no load / 0 °C dynamic load)
Short-term temperature	120 °C

Standards and regulations

Design according to standard	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 0,25-8 YE-B - Ferrule

3240251

<https://www.phoenixcontact.com/us/products/3240251>



Approvals

🔗 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/3240251>



cULus Listed

Approval ID: E488001

AI 0,25-8 YE-B - Ferrule

3240251

<https://www.phoenixcontact.com/us/products/3240251>



Classifications

ECLASS

ECLASS-13.0	27400201
ECLASS-15.0	27400201

ETIM

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

UNSPSC

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

AI 0,25-8 YE-B - Ferrule



3240251
<https://www.phoenixcontact.com/us/products/3240251>

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	0.002 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