

AI 50 -20 OL - Ferrule

3201178

<https://www.phoenixcontact.com/us/products/3201178>



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Ferrule, sleeve length: 20 mm, color: olive



Your advantages

- The ferrules with plastic sleeve are made from soft tin-plated electrolytic copper
- The AI 0,25... can also be used to process 0.14 mm² conductors
- In terms of dimensions, they correspond to DIN 46228-4: 1990-09

Commercial data

Item number	3201178
Packing unit	50 pc
Minimum order quantity	50 pc
Sales key	BH34
Product key	BH3411
Catalog page	Page 483 (C-3-2019)
GTIN	4017918094713
Weight per piece (including packing)	3 g
Weight per piece (excluding packing)	3 g
Customs tariff number	85369010
Country of origin	DE

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Technical data

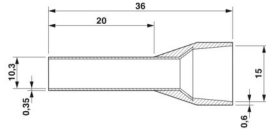
Product properties

Product type	Cable end sleeve
Conductor category	stranded conductors, class 2, 5, 6 / B, C, K, M

Connection data

Conductor connection	
Conductor cross section flexible max.	50 mm²
Conductor cross section AWG max.	1/0
Stripping length	25 mm

Dimensions

Dimensional drawing	
Sleeve length	20 mm
Maximum stripping length	25 mm
Ferrule diameter	10.3 mm
Sleeve wall thickness	0.35 mm
Insulating collar thickness	0.6 mm
Inner dimensions of the insulating collar	15 mm

Material specifications

Color	olive
Material	CU-DHP
Flammability rating according to UL 94	HB
Coating	tin-plated (galvanic)
Components	free from silicone and halogen

Mechanical properties

Technical data	
Sleeve length	20 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

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Design according to standard	Special color
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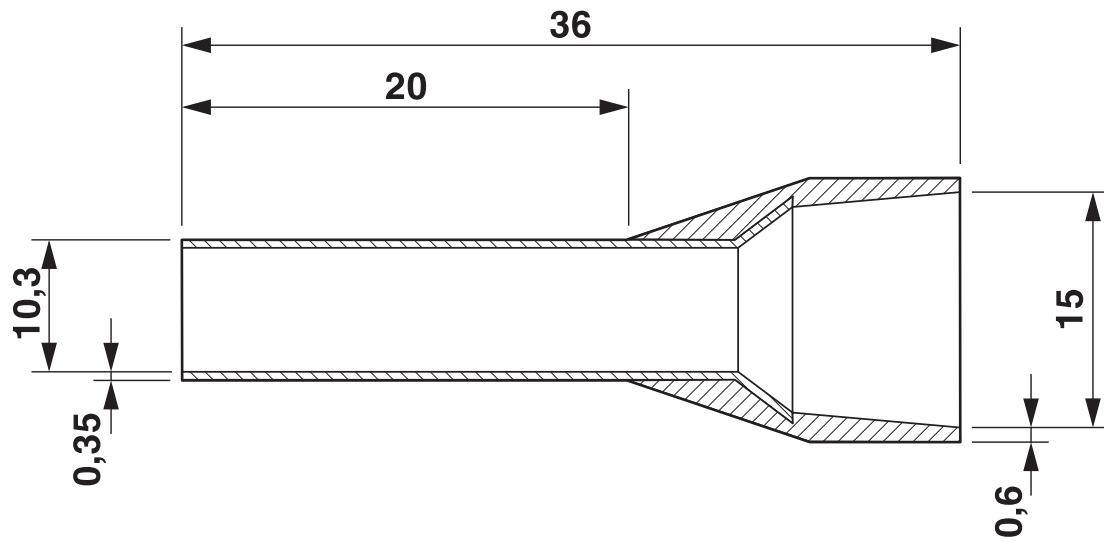
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Drawings

Dimensional drawing



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Approvals

🔗 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/3201178>



cULus Listed

Approval ID: E488001

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Classifications

ECLASS

ECLASS-11.0	27400201
ECLASS-13.0	27400201
ECLASS-12.0	27400201

ETIM

ETIM 9.0	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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Accessories

CRIMPFOX 50R - Crimping pliers

1212041

<https://www.phoenixcontact.com/us/products/1212041>



Crimping pliers, for ferrules without insulating collar according to DIN 46228 Part 1 and ferrules with insulating collar according to DIN 46228 Part 4, 35 mm² ... 50 mm², lateral entry, WM crimp

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