AI 50   -20 OL - Ferrule

3201178

https://www.phoenixcontact.com/gb/products/3201178

Ferrule, Length contact range: 20 mm, sleeve length: 36 mm, color: olive

Your advantages

- The ferrules with plastic sleeve are made from soft tin-plated electrolytic copper
- 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	BH3411
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

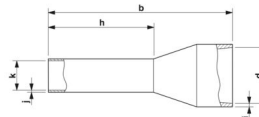### Product properties

Product type	Cable end sleeve
Conductor category	stranded conductors, class 2, 5, 6 / B, C, K, M
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.	50 mm²
Conductor cross section AWG max.	1/0
Stripping length	25 mm

Dimensions

Dimensional drawing	
Sleeve length	36 mm
Length contact range	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	bottle green (RAL 6007)
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 | 36 mm |

Environmental and real-life conditions
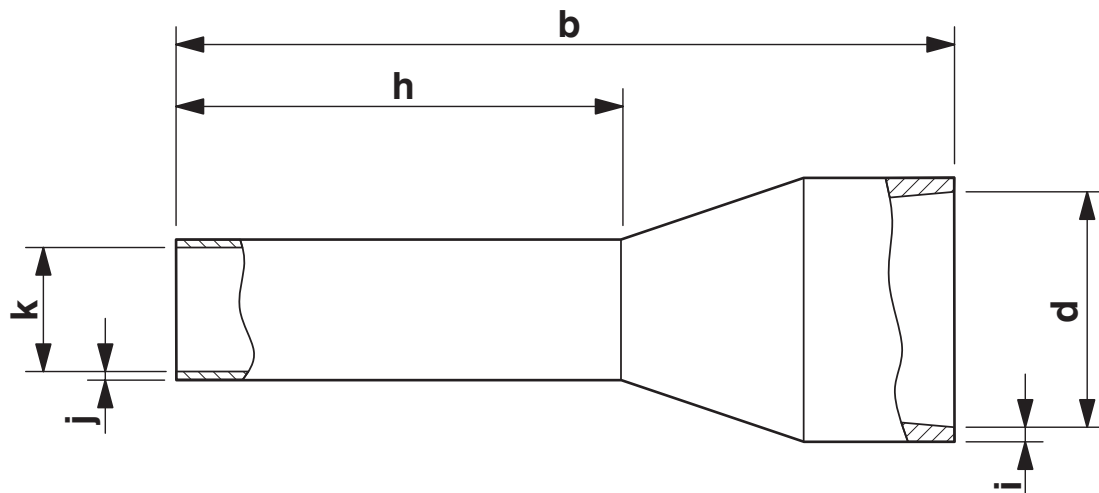
Ambient conditions

| 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, Sonderfarbe |

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)

Approvals

💡 To download certificates, visit the product detail page: https://www.phoenixcontact.com/gb/products/3201178

cULus Listed
Approval ID: E488001

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Classifications

ECLASS

ECLASS-13.0	27400201

ETIM

ETIM 9.0	EC000005

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%