

# AI 50-25 BK - Ferrule



3240678

<https://www.phoenixcontact.com/us/products/3240678>

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Ferrule, sleeve length: 25 mm, color: black

## Commercial data

Item number	3240678
Packing unit	1,000 pc
Minimum order quantity	1,000 pc
Sales key	BH34
Product key	BH3411
Catalog page	Page 483 (C-3-2019)
GTIN	4046356672535
Weight per piece (including packing)	3.374 g
Weight per piece (excluding packing)	3.374 g
Customs tariff number	85369010
Country of origin	DE

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## Technical data

### Product properties

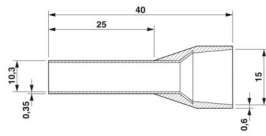
Product type	Cable end sleeve
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### Connection data

#### Conductor connection

Conductor cross section flexible max.	50 mm <sup>2</sup>
Conductor cross section AWG max.	1/0
Stripping length	30 mm

### Dimensions

Dimensional drawing	
Sleeve length	25 mm
Maximum stripping length	30 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	black
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	25 mm
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### 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
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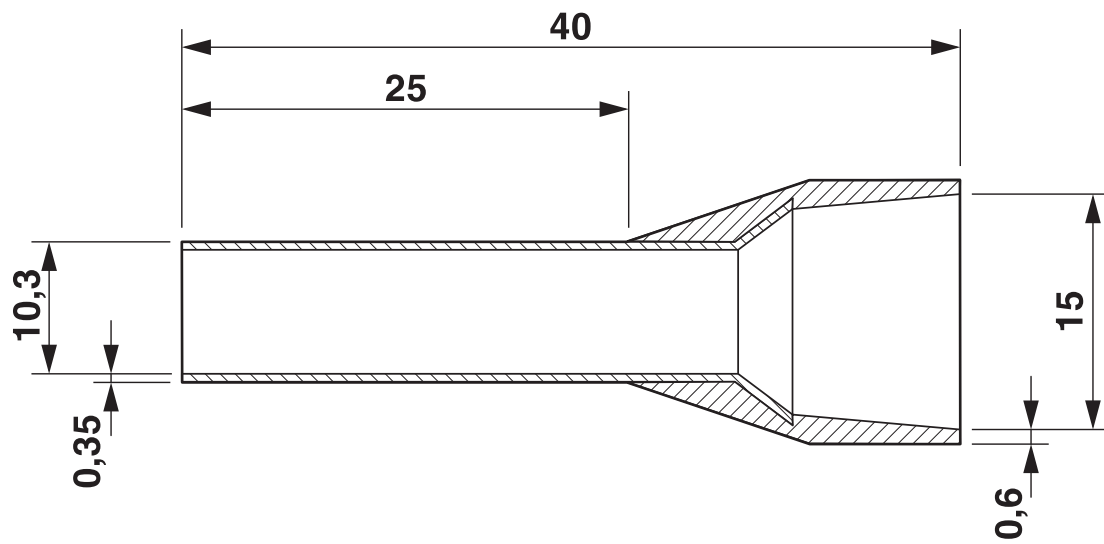
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## Drawings

Dimensional drawing




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## Approvals

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**cULus Listed**

Approval ID: E488001

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## Classifications

### ECLASS

ECLASS-11.0	27400201
ECLASS-12.0	27400201
ECLASS-13.0	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 mm<sup>2</sup> ... 50 mm<sup>2</sup>, lateral entry, WM crimp

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