

AI 1,5-8 BK S1 - Ferrule



1200107

<https://www.phoenixcontact.com/us/products/1200107>

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.



Taped ferrules, 1.5 mm², sleeve length 8 mm, with plastic collar, according to DIN 46228-4, black, for processing with the CRIMPFOX 4 IN 1, 10 strips each with 50 sleeves per strip.

Commercial data

Item number	1200107
Packing unit	500 pc
Sales key	BH34
Product key	BH3415
Catalog page	Page 415 (C-3-2019)
GTIN	4055626043043
Weight per piece (including packing)	0.114 g
Weight per piece (excluding packing)	0.11 g
Customs tariff number	85369010
Country of origin	DE

AI 1,5-8 BK S1 - Ferrule



1200107
<https://www.phoenixcontact.com/us/products/1200107>

Technical data

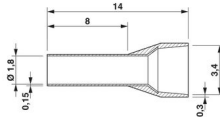
Product properties

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.	1.5 mm²
Conductor cross section AWG max.	16
Stripping length	11 mm

Dimensions

Dimensional drawing	
Sleeve length	8 mm
Maximum stripping length	11 mm
Ferrule diameter	1.8 mm
Sleeve wall thickness	0.15 mm
Insulating collar thickness	0.3 mm
Inner dimensions of the insulating collar	3.4 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	8 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

AI 1,5-8 BK S1 - Ferrule



1200107

<https://www.phoenixcontact.com/us/products/1200107>

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

AI 1,5-8 BK S1 - Ferrule

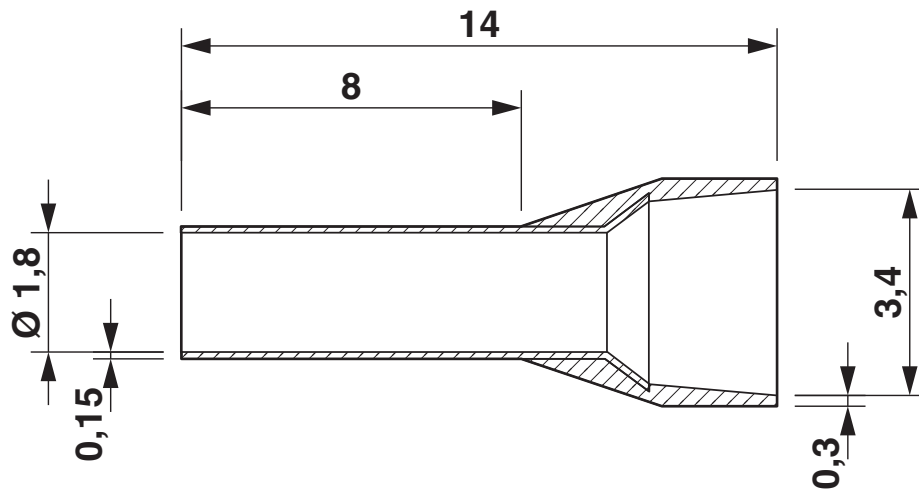
1200107

<https://www.phoenixcontact.com/us/products/1200107>



Drawings

Dimensional drawing



AI 1,5-8 BK S1 - Ferrule



1200107

<https://www.phoenixcontact.com/us/products/1200107>

Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1200107>



UL Listed
Approval ID: E488001



cUL Listed
Approval ID: E488001



cULus Listed
Approval ID: E488001

cULus Listed

AI 1,5-8 BK S1 - Ferrule



1200107
<https://www.phoenixcontact.com/us/products/1200107>

Classifications

ECLASS

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

ETIM

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

UNSPSC

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

AI 1,5-8 BK S1 - Ferrule



1200107

<https://www.phoenixcontact.com/us/products/1200107>

Environmental product compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

AI 1,5-8 BK S1 - Ferrule

1200107

<https://www.phoenixcontact.com/us/products/1200107>



Accessories

CRIMPFOX 4 IN 1 - Multifunctional tool

1200101

<https://www.phoenixcontact.com/us/products/1200101>



Tool for processing ferrules according to DIN 46228-4, 0.5 mm² to 2.5 mm², equipped with pressure lock, magazine, cutting, stripping, twisting, and crimping unit.

Phoenix Contact 2024 © - 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