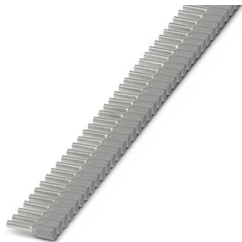


AI 2,5-8 GY S1 - Ferrule



1200164
<https://www.phoenixcontact.com/us/products/1200164>

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.



Ferrule, Dimensions according to DIN 46228-4, with color-coded plastic collars according to NF C 63-023:1994-02, for processing with the CRIMPFOX 4 in 1, Length contact range: 8 mm, sleeve length: 14 mm, color: gray, number of strips: 10, number of sleeves per strip: 40

Commercial data

| | |
|--------------------------------------|---------------------|
| Item number | 1200164 |
| Packing unit | 400 pc |
| Minimum order quantity | 400 pc |
| Sales key | BH34 |
| Product key | BH3415 |
| Catalog page | Page 415 (C-3-2019) |
| GTIN | 4055626166568 |
| Weight per piece (including packing) | 0.15 g |
| Weight per piece (excluding packing) | 0.15 g |
| Customs tariff number | 85369010 |
| Country of origin | DE |

AI 2,5-8 GY S1 - Ferrule



1200164
<https://www.phoenixcontact.com/us/products/1200164>

Technical data

Product properties

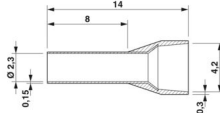
| | |
|--------------------|--|
| Product type | Cable end sleeve |
| Conductor category | stranded conductors, class 2, 5, 6 / B, C, K, M |
| Product property | For processing with CRIMPFOX 4 IN 1 |
| | UL certified |
| | Made from soft tin-plated electrolytic copper |
| | Correspond to the requirements 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. | 2.5 mm² |
| Conductor cross section AWG max. | 14 |
| Stripping length | 11 mm |

Dimensions

| | |
|---|--|
| Dimensional drawing |  |
| Sleeve length | 14 mm |
| Length contact range | 8 mm |
| Maximum stripping length | 11 mm |
| Ferrule diameter | 2.3 mm |
| Sleeve wall thickness | 0.15 mm |
| Insulating collar thickness | 0.3 mm |
| Inner dimensions of the insulating collar | 4.2 mm |

Material specifications

| | |
|--|--------------------------------|
| Color | gray (RAL 7042) |
| 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

AI 2,5-8 GY S1 - Ferrule



1200164

<https://www.phoenixcontact.com/us/products/1200164>

Technical data

| | |
|---------------|-------|
| Sleeve length | 14 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, NF C 63-023 |
|------------------------------|------------------------|

AI 2,5-8 GY S1 - Ferrule

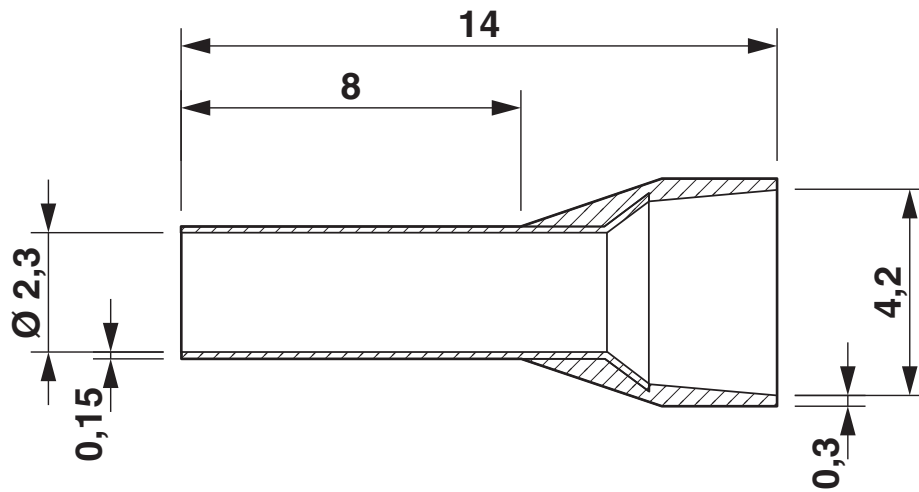
1200164

<https://www.phoenixcontact.com/us/products/1200164>



Drawings

Dimensional drawing



AI 2,5-8 GY S1 - Ferrule

1200164

<https://www.phoenixcontact.com/us/products/1200164>



Approvals

🔗 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1200164>



cULus Listed

Approval ID: E488001

AI 2,5-8 GY S1 - Ferrule



1200164

<https://www.phoenixcontact.com/us/products/1200164>

Classifications

ECLASS

| | |
|-------------|----------|
| ECLASS-13.0 | 27400201 |
|-------------|----------|

ETIM

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

UNSPSC

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

AI 2,5-8 GY S1 - Ferrule



1200164
<https://www.phoenixcontact.com/us/products/1200164>

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% |

Phoenix Contact 2025 © - 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