

# AI 1,5 -12 BK - Ferrule

3201482

<https://www.phoenixcontact.com/ro/produse/3201482>

Vă rugăm să țineți cont de faptul că datele afișate în acest document PDF au fost generate din catalogul nostru online. Datele complete sunt disponibile în documentația pentru utilizator. În cazul descărcărilor, se aplică Termenii și condițiile generale de utilizare ale companiei noastre.

Ferrule, sleeve length: 12 mm, color: black



## Avantajele dumneavoastră

- The ferrules with plastic sleeve are made from soft tin-plated electrolytic copper
- The insulation reliability of close connections is increased and the splicing of wires is prevented

## Date comerciale

|   |                       |
|---|-----------------------|
| Număr articol                           | 3201482               |
| Unitate de ambalare                     | 100 Bucată            |
| Cantitate minimă pentru comandă         | 100 Bucată            |
| Cod de achiziție                        | 05                    |
| Cod produs                              | BH3411                |
| Pagina de catalog                       | Pagina 481 (C-3-2019) |
| GTIN                                    | 4017918094980         |
| Greutate pe bucată (inclusiv ambalajul) | 0,15 g                |
| Greutate pe bucată (fără ambalaj)       | 0,15 g                |
| Cod tarifar vamal                       | 85369010              |
| Țara de origine                         | DE                    |

# AI 1,5 -12 BK - Ferrule

3201482

<https://www.phoenixcontact.com/ro/produse/3201482>

## Date tehnice

### Product properties

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

### Data management status

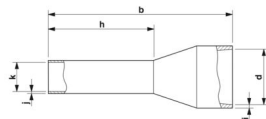
|                  |    |
|------------------|----|
| Article revision | 06 |
|------------------|----|

### Connection data

#### Conductor connection

|                                       |                     |
|---------------------------------------|---------------------|
| Conductor cross section flexible max. | 1.5 mm <sup>2</sup> |
| Conductor cross section AWG max.      | 16                  |
| Stripping length                      | 15 mm               |

### Dimensions

|   |  |
|---|--|
| Dimensional drawing                       |  |
| Sleeve length                             | 12 mm  |
| Maximum stripping length                  | 15 mm  |
| Ferrule diameter                          | 1.7 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 | 12 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                                      |

# AI 1,5 -12 BK - Ferrule

3201482

<https://www.phoenixcontact.com/ro/produce/3201482>



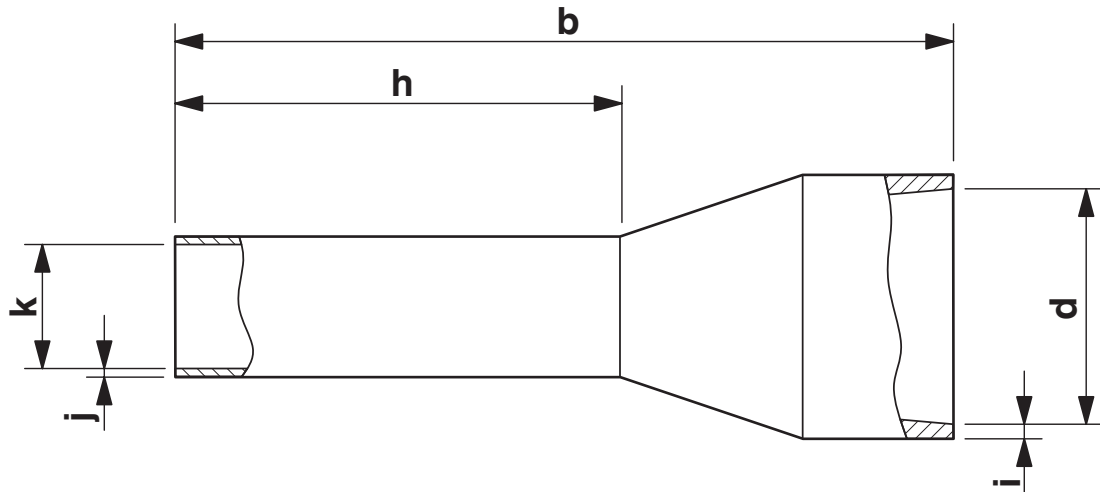
## Standards and regulations

Design according to standard

DIN 46228-4, UL 486F-E, NFC 63-023

Desene

Dimensional drawing



Length (b), sleeve length (h), insulating collar inner dimension (d), sleeve diameter (k), insulating collar thickness (i), sleeve wall thickness (j)

# AI 1,5 -12 BK - Ferrule



3201482

<https://www.phoenixcontact.com/ro/produse/3201482>

## Aprobări

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/ro/produse/3201482>



### UL Listed

ID de înregistrare: E488001



### cUL Listed

ID de înregistrare: E488001



### cULus Listed

ID de înregistrare: E488001

### cULus Listed

# AI 1,5 -12 BK - Ferrule



3201482

<https://www.phoenixcontact.com/ro/produse/3201482>

## Clasificări

### ECLASS

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

### ETIM

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

### UNSPSC

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

# AI 1,5 -12 BK - Ferrule



3201482

<https://www.phoenixcontact.com/ro/produse/3201482>

## Environmental product compliance

### EU RoHS

|  |   |
|--|---|
| Îndeplinește cerințele conform directivei RoHS | Da, Nicio reglementare privind excepțiile |
|--|---|

### China RoHS

|  |   |
|--|---|
| Environment friendly use period (EFUP) | EFUP-E  |
|  | Nu există substanțe periculoase peste valorile limită |

### EU REACH SVHC

|  |   |
|--|---|
| Trimitere la substanța candidată REACH (nr. CAS) | Nicio substanță cu un procentaj masic mai mare de 0,1 % |
|--|---|

# AI 1,5 -12 BK - Ferrule

3201482

<https://www.phoenixcontact.com/ro/produse/3201482>



## Accesorii

### CRIMPFOX CENTRUS 6S - Crimping pliers

1213144

<https://www.phoenixcontact.com/ro/produse/1213144>



Crimping pliers, for uninsulated and insulated ferrules, DIN 46228 Part 1 and 4, from 0.14 mm<sup>2</sup> ... 6 mm<sup>2</sup>, also for TWIN ferrules up to 2 x 4 mm<sup>2</sup>, automatic cross section adjustment, lateral insertion, equipped with fall protection

---

### CRIMPFOX CENTRUS 6H - Crimping pliers

1213146

<https://www.phoenixcontact.com/ro/produse/1213146>



Crimping pliers, for uninsulated and insulated ferrules, DIN 46228 Part 1 and 4, from 0.14 mm<sup>2</sup> ... 6 mm<sup>2</sup>, also for TWIN ferrules up to 2 x 4 mm<sup>2</sup>, automatic cross section adjustment, lateral insertion, equipped with fall protection



# AI 1,5 -12 BK - Ferrule

3201482

<https://www.phoenixcontact.com/ro/produce/3201482>



## CRIMPFOX CENTRUS 10S - Crimping pliers

1213154

<https://www.phoenixcontact.com/ro/produce/1213154>



Crimping pliers, for uninsulated and insulated ferrules, DIN 46228 Part 1 and 4, from 0.14 mm<sup>2</sup> ... 10 mm<sup>2</sup>, also for TWIN ferrules up to 2 x 4 mm<sup>2</sup>, automatic cross section adjustment, lateral insertion, equipped with fall protection

---

## CRIMPFOX CENTRUS 10H - Crimping pliers

1213156

<https://www.phoenixcontact.com/ro/produce/1213156>



Crimping pliers, for uninsulated and insulated ferrules, DIN 46228 Part 1 and 4, from 0.14 mm<sup>2</sup> ... 10 mm<sup>2</sup>, also for TWIN ferrules up to 2 x 4 mm<sup>2</sup>, automatic cross section adjustment, lateral insertion, equipped with fall protection

# AI 1,5 -12 BK - Ferrule

3201482

<https://www.phoenixcontact.com/ro/produce/3201482>



## CRIMPFOX 2,5-M - Crimping pliers

1212719

<https://www.phoenixcontact.com/ro/produce/1212719>



Crimping pliers, for ferrules without insulating collar according to DIN 46228 Part 1 and ferrules with insulating collar according to DIN 46228 Part 4, 0.25 mm<sup>2</sup> ... 2.5 mm<sup>2</sup>, lateral entry, trapezoidal crimp

---

## CRIMPFOX 6-M - Crimping pliers

1212720

<https://www.phoenixcontact.com/ro/produce/1212720>



Crimping pliers, for ferrules without insulating collar according to DIN 46228 Part 1 and ferrules with insulating collar according to DIN 46228 Part 4, 0.25 mm<sup>2</sup> ... 6.0 mm<sup>2</sup>, lateral entry, trapezoidal crimp

# AI 1,5 -12 BK - Ferrule

3201482

<https://www.phoenixcontact.com/ro/produce/3201482>



## CRIMPFOX 6 - Crimping pliers

1212034

<https://www.phoenixcontact.com/ro/produce/1212034>



Crimping pliers, for ferrules without insulating collar according to DIN 46228 Part 1 and ferrules with insulating collar according to DIN 46228 Part 4, 0.25 mm<sup>2</sup> ... 6.0 mm<sup>2</sup>, lateral entry, trapezoidal crimp

---

## CRIMPFOX DUO 10 - Crimping pliers

1031721

<https://www.phoenixcontact.com/ro/produce/1031721>



Crimping pliers, contact connection type: Insulated and uninsulated ferrules, standards/specifications: DIN 46228-1, DIN 46228-4, UL 486F, form A, E, F, min. cross section: 0.14 mm<sup>2</sup>, max. cross section: 10 mm<sup>2</sup>, for TWIN ferrules up to 2 x 4 mm<sup>2</sup>, automatic cross section adjustment, rotating die, lateral and frontal insertion, compression: Trapezoidal crimp, black/green

# AI 1,5 -12 BK - Ferrule

3201482

<https://www.phoenixcontact.com/ro/produce/3201482>



## CRIMPFOX 10T-F - Crimping pliers

1134913

<https://www.phoenixcontact.com/ro/produce/1134913>



Crimping pliers, contact connection type: Insulated and uninsulated ferrules, standards/specifications: DIN 46228-1, DIN 46228-4, min. cross section: 0.14 mm<sup>2</sup>, max. cross section: 10 mm<sup>2</sup>, For TWIN ferrules up to 2 x 4 mm<sup>2</sup>, automatic cross section adjustment, frontal insertion, compression: Trapezoidal crimp, black

## CRIMPFOX DUO 16S - Crimping pliers

1202877

<https://www.phoenixcontact.com/ro/produce/1202877>



Crimping pliers, contact type: insulated and uninsulated ferrules, standards/regulations: DIN 46228-1, DIN 46228-4, UL 486F, Form A, E, F, cross-section, minimum: 0.14 mm<sup>2</sup>, cross-section, maximum: 16 mm<sup>2</sup>, for TWIN ferrules up to 2 mm<sup>2</sup> x 6 mm<sup>2</sup>, automatic cross-section adjustment, rotating dies, lateral and front entry, crimping: square

Phoenix Contact 2024 © - Toate drepturile rezervate  
<https://www.phoenixcontact.com>

PHOENIX CONTACT România  
Splaiul Unirii 165 Timpuri Noi Square TNO1, Etaj 1  
Bucuresti 030133  
+40 21 350 88 12 - 3  
[sales.ro@phoenixcontact.com](mailto:sales.ro@phoenixcontact.com)