

# Ferrule - Al 1 -12 RD

3200674

<https://www.phoenixcontact.com/us/products/3200674>



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, sleeve length: 12 mm, length: 18 mm, color: red



---

## Your advantages

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

# Ferrule - AI 1 -12 RD

3200674

<https://www.phoenixcontact.com/us/products/3200674>



## Commercial Data

Item number	3200674
Packing unit	1 pc
Minimum order quantity	100 pc
Sales Key	B16
Product Key	BH3411
Catalog Page	Page 481 (C-3-2019)
GTIN	4017918094263
Weight per Piece (including packing)	0.127 g
Weight per Piece (excluding packing)	0.132 g
Customs tariff number	85369010
Country of origin	DE

# Ferrule - Al 1 -12 RD

3200674

<https://www.phoenixcontact.com/us/products/3200674>



## Technical Data

### Product properties

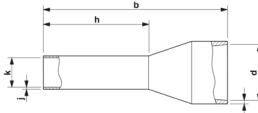
Product type	Ferrule
Conductor category	Stranded conductors, class 2, 5, 6 / B, C, K, M

### Connection data

#### Conductor connection

Conductor cross section flexible max.	1 mm <sup>2</sup>
Conductor cross section AWG max.	18
Stripping length	15 mm

### Dimensions

Dimensional drawing	
Length	18 mm
Sleeve length	12 mm
Maximum stripping length	15 mm
Ferrule diameter	1.5 mm
Sleeve wall thickness	0.15 mm
Insulating collar thickness	0.3 mm

### Material specifications

Color	red
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

### Standards and regulations

# Ferrule - Al 1 -12 RD

3200674

<https://www.phoenixcontact.com/us/products/3200674>



Design according to standard	DIN 46228-4:2017-05
------------------------------	---------------------

# Ferrule - Al 1 -12 RD

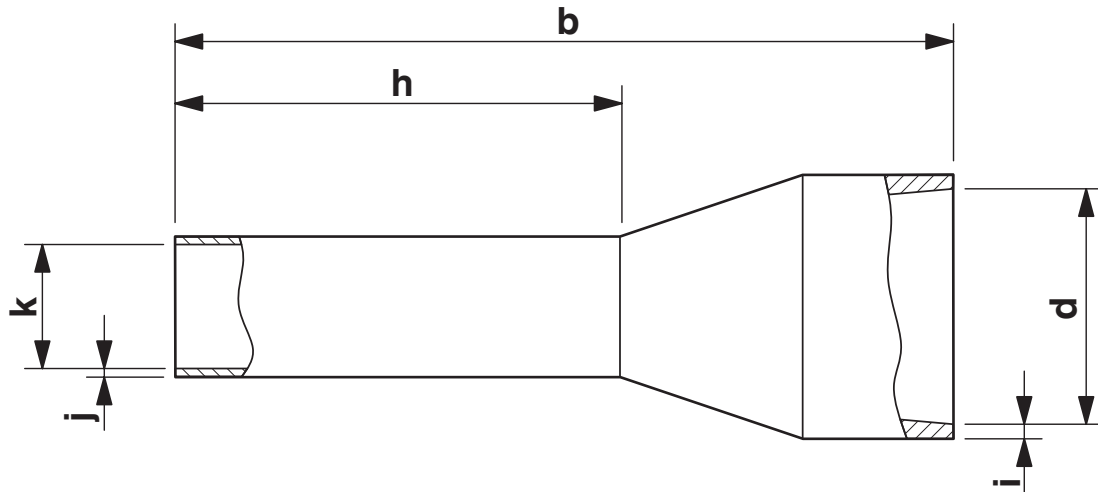
3200674

<https://www.phoenixcontact.com/us/products/3200674>



## Drawings

Dimensional drawing



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


# Ferrule - Al 1 -12 RD

3200674


<https://www.phoenixcontact.com/us/products/3200674>





## Approvals



**CSA**  
Approval ID: 247397

	<b>UL Listed</b> Approval ID: E488001			
	Nominal Voltage $U_N$	Nominal Current $I_N$	Cross Section AWG	Cross Section $\text{mm}^2$
			-	-

	<b>cUL Listed</b> Approval ID: E488001			
	Nominal Voltage $U_N$	Nominal Current $I_N$	Cross Section AWG	Cross Section $\text{mm}^2$
			-	-



**CSAus**  
Approval ID: 247397

**cULus Listed**

**cCSAus**

# Ferrule - Al 1 -12 RD

3200674

<https://www.phoenixcontact.com/us/products/3200674>



## Classifications

### ECLASS

ECLASS-9.0	27400201
ECLASS-10.0.1	27400201
ECLASS-11.0	27400201

### ETIM

ETIM 8.0	EC000005
----------	----------

### UNSPSC

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

# Ferrule - Al 1 -12 RD

3200674

<https://www.phoenixcontact.com/us/products/3200674>



## Environmental Product Compliance

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



# Ferrule - Al 1 -12 RD

3200674

<https://www.phoenixcontact.com/us/products/3200674>



## Accessories

### Crimping pliers

Crimping pliers - CRIMPFOX CENTRUS 6S - 1213144

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

---

### Crimping pliers

Crimping pliers - CRIMPFOX CENTRUS 6H - 1213146

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

# Ferrule - Al 1 -12 RD

3200674

<https://www.phoenixcontact.com/us/products/3200674>



## Crimping pliers

Crimping pliers - CRIMPFOX CENTRUS 10S - 1213154

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

## Crimping pliers

Crimping pliers - CRIMPFOX CENTRUS 10H - 1213156

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

# Ferrule - Al 1 -12 RD

3200674

<https://www.phoenixcontact.com/us/products/3200674>



## Crimping pliers

Crimping pliers - CRIMPFOX 10S - 1212045

<https://www.phoenixcontact.com/us/products/1212045>



Crimping pliers, for ferrules without insulating collar according to DIN 46228 Part 1 and ferrules with insulating collar according to DIN 46228 Part 4, 0.14 mm<sup>2</sup> ... 10 mm<sup>2</sup>, unlockable pressure lock, lateral entry

---

## Crimping pliers

Crimping pliers - CRIMPFOX 6H - 1212046

<https://www.phoenixcontact.com/us/products/1212046>



Crimping pliers, for ferrules without insulating collar according to DIN 46228 Part 1 and ferrules with insulating collar according to DIN 46228 Part 4, 0.14 mm<sup>2</sup> ... 6 mm<sup>2</sup>, unlockable pressure lock, lateral entry

# Ferrule - Al 1 -12 RD

3200674

<https://www.phoenixcontact.com/us/products/3200674>



## Crimping pliers

Crimping pliers - CRIMPFOX 2,5-M - 1212719

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

---

## Crimping pliers

Crimping pliers - CRIMPFOX 6-M - 1212720

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

# Ferrule - Al 1 -12 RD

3200674

<https://www.phoenixcontact.com/us/products/3200674>



## Crimping pliers

Crimping pliers - CRIMPFOX 6 - 1212034

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

---

## Crimping pliers

Crimping pliers - CRIMPFOX 6T - 1212037

<https://www.phoenixcontact.com/us/products/1212037>



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 mm<sup>2</sup>, lateral entry, trapezoidal crimp

# Ferrule - Al 1 -12 RD

3200674

<https://www.phoenixcontact.com/us/products/3200674>



## Crimping pliers

Crimping pliers - CRIMPFOX 6T-F - 1212038

<https://www.phoenixcontact.com/us/products/1212038>



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 mm<sup>2</sup>, front entry, trapezoidal crimp

---

## Crimping pliers

Crimping pliers - CRIMPFOX 6S-F - 1212043

<https://www.phoenixcontact.com/us/products/1212043>



Crimping pliers, for ferrules without insulating collar according to DIN 46228 Part 1 and ferrules with insulating collar according to DIN 46228 Part 4, 0.5 mm<sup>2</sup> ... 6 mm<sup>2</sup>, front entry, square crimp

# Ferrule - Al 1 -12 RD

3200674

<https://www.phoenixcontact.com/us/products/3200674>



## Crimping pliers

Crimping pliers - CRIMPFOX 16 S - 1207983

<https://www.phoenixcontact.com/us/products/1207983>



Crimping pliers for ferrules up to 16 mm<sup>2</sup>

---

Phoenix Contact 2022 © - 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](mailto:info@phoenixcon.com)