

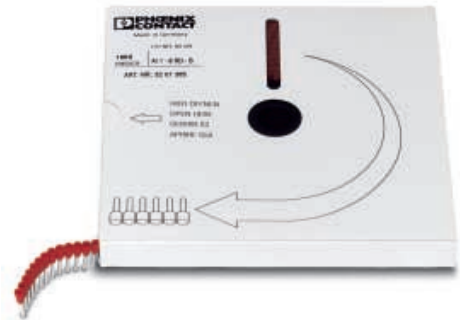
# Al...-B...

## Ferrules in Tape Form With Insulating Collar According to DIN 46228-4

### CLIPLINE

Data Sheet  
103089\_00\_en

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### Description

In addition to individual ferrules, **Al...-B...** ferrules are available in tape form made from soft electrolytic copper (E-CU) with tin plating. They are connected together by a plastic connection. The dimensions of the ferrules correspond to DIN 46228-4.

When processed with the CF 3000 crimping machine, the cable is automatically stripped when inserted in the device, a ferrule is fitted, and crimped correctly.



Make sure you always use the latest documentation.  
It can be downloaded at [www.download.phoenixcontact.com](http://www.download.phoenixcontact.com).  
A conversion table is available on the Internet at  
[www.download.phoenixcontact.com/general/7000\\_en\\_00.pdf](http://www.download.phoenixcontact.com/general/7000_en_00.pdf).

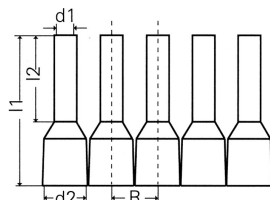


This data sheet is valid for all products listed on the following page:

## Dimensions and Ordering Data

### Ferrules in Tape Form With Insulating Collar According to DIN 46228-4

| Cross Section        | $l_1$   | $l_2$  | $d_1$  | $d_2$  | R      | Color  | Type            | Order No. | Pcs./Pck. |
|----------------------|---------|--------|--------|--------|--------|--------|-----------------|-----------|-----------|
| 0.5 mm <sup>2</sup>  | 14.5 mm | 8.0 mm | 1.1 mm | 2.7 mm | 3.6 mm | Orange | Al 0,5 - 8 OG-B | 3201563   | 1000      |
| 0.5 mm <sup>2</sup>  | 14.5 mm | 8.0 mm | 1.1 mm | 2.7 mm | 3.6 mm | White  | Al 0,5 - 8 WH-B | 3201369   | 1000      |
| 0.75 mm <sup>2</sup> | 14.5 mm | 8.0 mm | 1.3 mm | 2.9 mm | 3.7 mm | Blue   | Al 0,75- 8 BU-B | 3201547   | 1000      |
| 0.75 mm <sup>2</sup> | 14.5 mm | 8.0 mm | 1.3 mm | 2.9 mm | 3.7 mm | Gray   | Al 0,75- 8 GY-B | 3201372   | 1000      |
| 0.75 mm <sup>2</sup> | 14.5 mm | 8.0 mm | 1.3 mm | 2.9 mm | 3.7 mm | White  | Al 0,75- 8 WH-B | 3201576   | 1000      |
| 1 mm <sup>2</sup>    | 14.5 mm | 8.0 mm | 1.5 mm | 3.1 mm | 4.0 mm | Red    | Al 1 - 8 RD-B   | 3201385   | 1000      |
| 1 mm <sup>2</sup>    | 14.5 mm | 8.0 mm | 1.5 mm | 3.1 mm | 4.0 mm | Yellow | Al 1 - 8 YE-B   | 3201589   | 1000      |
| 1.5 mm <sup>2</sup>  | 14.5 mm | 8.0 mm | 1.8 mm | 3.4 mm | 4.2 mm | Black  | Al 1,5 - 8 BK-B | 3201398   | 1000      |
| 1.5 mm <sup>2</sup>  | 14.5 mm | 8.0 mm | 1.8 mm | 3.4 mm | 4.2 mm | Red    | Al 1,5 - 8 RD-B | 3201592   | 1000      |
| 2.5 mm <sup>2</sup>  | 14.5 mm | 8.0 mm | 2.3 mm | 4.2 mm | 5.0 mm | Blue   | Al 2,5 - 8 BU-B | 3201408   | 500       |
| 2.5 mm <sup>2</sup>  | 14.5 mm | 8.0 mm | 2.3 mm | 4.2 mm | 5.0 mm | Gray   | Al 2,5 - 8 GY-B | 3201550   | 500       |



- $l_1$  = Total length  
 $l_2$  = Sleeve length  
 $d_1$  = Inside diameter of sleeve  
 $d_2$  = Inside diameter of insulating collar  
 $R$  = Distance

Figure 1 Dimensions (tolerances according to DIN 46228-4)

### Stripping and Crimping Machine

| Description                                                                                                                                                                             | Type              | Order No. | Pcs./Pck. |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-----------|-----------|
| Stripping and crimping machine, 230 V version<br>for insulated ferrules in tape form according to DIN 46228-4,<br>for cross section range 2 0.5 mm <sup>2</sup> ... 2.5 mm <sup>2</sup> | CF 3000-2,5       | 1205477   | 1         |
| Stripping and crimping machine, 120 V version<br>for insulated ferrules in tape form according to DIN 46228-4,<br>for cross section range 2 0.5 mm <sup>2</sup> ... 2.5 mm <sup>2</sup> | CF 3000-2,5 120 V | 1205516   | 1         |

## Technical Data

### General Data

Material

Collar

Sleeve

Polypropylene PP (UL94 HB), heat resistant up to 105°C

E-CU, tin-plated surface