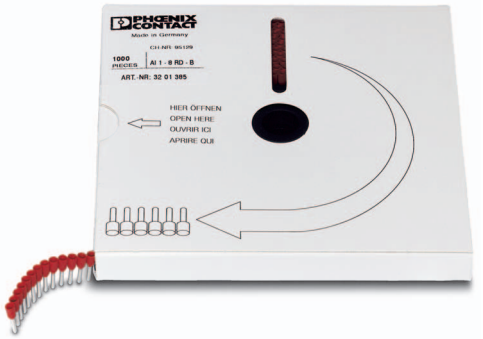
# AI...-B...

## Ferrules in tape form with insulating collar according to DIN 46228-4




Data sheet
103089_en_01

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## 1 Description

In addition to individual ferrules, **AI...-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.

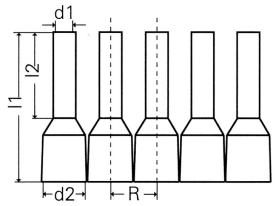
Make sure you always use the latest documentation.
It can be downloaded at phoenixcontact.net/products.

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

## 2 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 mm² | 14.5 mm | 8.0 mm | 1.1 mm | 2.7 mm | 3.6 mm | Orange | AI 0,5 - 8 OG-B | 3201563 | 1000 |
| 0.5 mm² | 14.5 mm | 8.0 mm | 1.1 mm | 2.7 mm | 3.6 mm | White | AI 0,5 - 8 WH-B | 3201369 | 1000 |
| 0.75 mm² | 14.5 mm | 8.0 mm | 1.3 mm | 2.9 mm | 3.7 mm | Blue | AI 0,75- 8 BU-B | 3201547 | 1000 |
| 0.75 mm² | 14.5 mm | 8.0 mm | 1.3 mm | 2.9 mm | 3.7 mm | Gray | AI 0,75- 8 GY-B | 3201372 | 1000 |
| 0.75 mm² | 14.5 mm | 8.0 mm | 1.3 mm | 2.9 mm | 3.7 mm | White | AI 0,75- 8 WH-B | 3201576 | 1000 |
| 1 mm² | 14.5 mm | 8.0 mm | 1.5 mm | 3.1 mm | 4.0 mm | Red | AI 1 - 8 RD-B | 3201385 | 1000 |
| 1 mm² | 14.5 mm | 8.0 mm | 1.5 mm | 3.1 mm | 4.0 mm | Yellow | AI 1 - 8 YE-B | 3201589 | 1000 |
| 1.5 mm² | 14.5 mm | 8.0 mm | 1.8 mm | 3.4 mm | 4.2 mm | Black | AI 1,5 - 8 BK-B | 3201398 | 1000 |
| 1.5 mm² | 14.5 mm | 8.0 mm | 1.8 mm | 3.4 mm | 4.2 mm | Red | AI 1,5 - 8 RD-B | 3201592 | 1000 |
| 2.5 mm² | 14.5 mm | 8.0 mm | 2.3 mm | 4.2 mm | 5.0 mm | Blue | AI 2,5 - 8 BU-B | 3201408 | 500 |
| 2.5 mm² | 14.5 mm | 8.0 mm | 2.3 mm | 4.2 mm | 5.0 mm | Gray | AI 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 0.5 mm² ... 2.5 mm² | 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 0.5 mm² ... 2.5 mm² | CF 3000-2,5 120 V | 1205516 | 1 |

## 3 Technical data

| General data | |
|---|---|
| Material | |
| Collar | Polypropylene PP (UL94 HB), heat resistant up to 105°C |
| Sleeve | CU-DHP, tin-plated surface |