

# AI...

## Ferrules With Insulating Collar According to DIN 46228-4

### CLIPLINE

Data Sheet  
103090s\_en\_01

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## 1 Description

A special feature of **AI...** ferrules with insulating collar is that the closer the connections are, the more reliable the insulation is and the less likely the wires are to splice. The dimensions of the ferrules correspond to DIN 46228-4.

The metal insulating sleeve is made from a soft electrolytic copper (E-CU) with tin plating, which ensures optimum connection when crimped with the appropriate Phoenix Contact tools.

The insulating collar made from polypropylene, which is resistant to extreme heat, insulates and simplifies fitting onto the wire without having to splice the individual litz wires. The cross section sizes are color coded. They are listed according to DIN 46228-4, Weidmüller standard, and French standard NF C 63-023.



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

## 2 Dimensions and Ordering Data

### Ferrules With Insulating Collar According to DIN 46228-4

| Cross Section        | l <sub>1</sub> | l <sub>2</sub> | d <sub>1</sub> | s <sub>1</sub> | d <sub>2</sub> | s <sub>2</sub> | Color     | Color Code <sup>1</sup> | Type                             | Order No. | Pcs./Pck. |
|----------------------|----------------|----------------|----------------|----------------|----------------|----------------|-----------|-------------------------|----------------------------------|-----------|-----------|
| 0.14 mm <sup>2</sup> | 12.5 mm        | 8.0 mm         | 0.8 mm         | 0.15 mm        | 1.8 mm         | 0.25 mm        | Gray      | –                       | AI 0,14- 8 GY -1000 <sup>2</sup> | 3203011   | 1000      |
| 0.25 mm <sup>2</sup> | 10.5 mm        | 6.0 mm         | 0.8 mm         | 0.15 mm        | 1.8 mm         | 0.25 mm        | Blue      | –                       | AI 0,25- 6 BU <sup>2</sup>       | 3203040   | 100       |
| 0.25 mm <sup>2</sup> | 10.5 mm        | 6.0 mm         | 0.8 mm         | 0.15 mm        | 1.8 mm         | 0.25 mm        | Yellow    | –                       | AI 0,25- 6 YE <sup>2</sup>       | 3203024   | 100       |
| 0.25 mm <sup>2</sup> | 12.5 mm        | 8.0 mm         | 0.8 mm         | 0.15 mm        | 1.8 mm         | 0.25 mm        | Yellow    | –                       | AI 0,25- 8 YE <sup>2</sup>       | 3203037   | 100       |
| 0.34 mm <sup>2</sup> | 10.5 mm        | 6.0 mm         | 0.8 mm         | 0.15 mm        | 1.8 mm         | 0.25 mm        | Turquoise | –                       | AI 0,34-6 TQ <sup>2</sup>        | 3203053   | 100       |
| 0.34 mm <sup>2</sup> | 10.5 mm        | 6.0 mm         | 0.8 mm         | 0.15 mm        | 1.8 mm         | 0.25 mm        | Turquoise | –                       | AI 0,34-8 TQ <sup>2</sup>        | 3203066   | 100       |
| 0.5 mm <sup>2</sup>  | 12.0 mm        | 6.0 mm         | 1.1 mm         | 0.15 mm        | 2.5 mm         | 0.3 mm         | Orange    | W                       | AI 0,5 - 6 OG                    | 3201301   | 100       |
| 0.5 mm <sup>2</sup>  | 12.0 mm        | 6.0 mm         | 1.1 mm         | 0.15 mm        | 2.5 mm         | 0.3 mm         | White     | DIN/NF                  | AI 0,5 - 6 WH                    | 3200687   | 100       |
| 0.5 mm <sup>2</sup>  | 14.0 mm        | 8.0 mm         | 1.1 mm         | 0.15 mm        | 2.5 mm         | 0.3 mm         | Orange    | W                       | AI 0,5 - 8 OG                    | 3201123   | 100       |
| 0.5 mm <sup>2</sup>  | 14.0 mm        | 8.0 mm         | 1.1 mm         | 0.15 mm        | 2.5 mm         | 0.3 mm         | Orange    | W                       | AI 0,5 - 8 OG-1000               | 3202902   | 1000      |
| 0.5 mm <sup>2</sup>  | 14.0 mm        | 8.0 mm         | 1.1 mm         | 0.15 mm        | 2.5 mm         | 0.3 mm         | White     | DIN/NF                  | AI 0,5 - 8 WH                    | 3200014   | 100       |
| 0.5 mm <sup>2</sup>  | 14.0 mm        | 8.0 mm         | 1.1 mm         | 0.15 mm        | 2.5 mm         | 0.3 mm         | White     | DIN/NF                  | AI 0,5 - 8 WH -1000              | 3200881   | 1000      |
| 0.5 mm <sup>2</sup>  | 16.0 mm        | 10.0 mm        | 1.1 mm         | 0.15 mm        | 2.5 mm         | 0.3 mm         | White     | DIN/NF                  | AI 0,5 -10 WH                    | 3201275   | 100       |
| 0.5 mm <sup>2</sup>  | 16.0 mm        | 10.0 mm        | 1.1 mm         | 0.15 mm        | 2.5 mm         | 0.3 mm         | White     | DIN/NF                  | AI 0,5 -10 WH-1000               | 3203105   | 1000      |
| 0.5 mm <sup>2</sup>  | 18.0 mm        | 12.0 mm        | 1.1 mm         | 0.15 mm        | 2.5 mm         | 0.3 mm         | White     | DIN/NF                  | AI 0,5 -12 WH <sup>2</sup>       | 3200506   | 100       |
| 0.75 mm <sup>2</sup> | 12.0 mm        | 6.0 mm         | 1.3 mm         | 0.15 mm        | 2.8 mm         | 0.3 mm         | Gray      | DIN                     | AI 0,75- 6 GY                    | 3200690   | 100       |
| 0.75 mm <sup>2</sup> | 12.0 mm        | 6.0 mm         | 1.3 mm         | 0.15 mm        | 2.8 mm         | 0.3 mm         | White     | W                       | AI 0,75- 6 WH                    | 3201314   | 100       |
| 0.75 mm <sup>2</sup> | 14.0 mm        | 8.0 mm         | 1.3 mm         | 0.15 mm        | 2.8 mm         | 0.3 mm         | Blue      | NF                      | AI 0,75- 8 BU                    | 3200027   | 100       |
| 0.75 mm <sup>2</sup> | 14.0 mm        | 8.0 mm         | 1.3 mm         | 0.15 mm        | 2.8 mm         | 0.3 mm         | Gray      | DIN                     | AI 0,75- 8 GY                    | 3200519   | 100       |
| 0.75 mm <sup>2</sup> | 14.0 mm        | 8.0 mm         | 1.3 mm         | 0.15 mm        | 2.8 mm         | 0.3 mm         | Gray      | DIN                     | AI 0,75- 8 GY -1000              | 3200894   | 1000      |
| 0.75 mm <sup>2</sup> | 14.0 mm        | 8.0 mm         | 1.3 mm         | 0.15 mm        | 2.8 mm         | 0.3 mm         | White     | W                       | AI 0,75- 8 WH                    | 3201110   | 100       |
| 0.75 mm <sup>2</sup> | 16.0 mm        | 10.0 mm        | 1.3 mm         | 0.15 mm        | 2.8 mm         | 0.3 mm         | Gray      | DIN                     | AI 0,75-10 GY                    | 3201288   | 100       |
| 0.75 mm <sup>2</sup> | 16.0 mm        | 10.0 mm        | 1.3 mm         | 0.15 mm        | 2.8 mm         | 0.3 mm         | Gray      | DIN                     | AI 0,75-10 GY-1000               | 3203118   | 1000      |
| 0.75 mm <sup>2</sup> | 18.0 mm        | 12.0 mm        | 1.3 mm         | 0.15 mm        | 2.8 mm         | 0.3 mm         | Gray      | DIN                     | AI 0,75-12 GY                    | 3200849   | 100       |
| 1 mm <sup>2</sup>    | 12.5 mm        | 6.0 mm         | 1.5 mm         | 0.15 mm        | 3.0 mm         | 0.3 mm         | Red       | DIN/NF                  | AI 1 - 6 RD                      | 3200742   | 100       |
| 1 mm <sup>2</sup>    | 12.5 mm        | 6.0 mm         | 1.5 mm         | 0.15 mm        | 3.0 mm         | 0.3 mm         | Yellow    | W                       | AI 1 - 6 YE                      | 3201327   | 100       |
| 1 mm <sup>2</sup>    | 14.5 mm        | 8.0 mm         | 1.5 mm         | 0.15 mm        | 3.0 mm         | 0.3 mm         | Red       | DIN/NF                  | AI 1 - 8 RD                      | 3200030   | 100       |
| 1 mm <sup>2</sup>    | 14.5 mm        | 8.0 mm         | 1.5 mm         | 0.15 mm        | 3.0 mm         | 0.3 mm         | Red       | DIN/NF                  | AI 1 - 8 RD -1000                | 3200904   | 1000      |
| 1 mm <sup>2</sup>    | 14.5 mm        | 8.0 mm         | 1.5 mm         | 0.15 mm        | 3.0 mm         | 0.3 mm         | Yellow    | W                       | AI 1 - 8 YE                      | 3201097   | 100       |
| 1 mm <sup>2</sup>    | 14.5 mm        | 8.0 mm         | 1.5 mm         | 0.15 mm        | 3.0 mm         | 0.3 mm         | Yellow    | W                       | AI 1 - 8 YE-1000                 | 3202915   | 1000      |
| 1 mm <sup>2</sup>    | 16.5 mm        | 10.0 mm        | 1.5 mm         | 0.15 mm        | 3.0 mm         | 0.3 mm         | Red       | DIN/NF                  | AI 1 -10 RD                      | 3200182   | 100       |
| 1 mm <sup>2</sup>    | 16.5 mm        | 10.0 mm        | 1.5 mm         | 0.15 mm        | 3.0 mm         | 0.3 mm         | Red       | DIN/NF                  | AI 1 -10 RD-1000                 | 3203121   | 1000      |
| 1 mm <sup>2</sup>    | 18.5 mm        | 12.0 mm        | 1.5 mm         | 0.15 mm        | 3.0 mm         | 0.3 mm         | Red       | DIN/NF                  | AI 1 -12 RD                      | 3200674   | 100       |
| 1.5 mm <sup>2</sup>  | 12.5 mm        | 6.0 mm         | 1.8 mm         | 0.15 mm        | 3.4 mm         | 0.3 mm         | Black     | DIN/NF                  | AI 1,5 - 6 BK <sup>2</sup>       | 3200755   | 100       |
| 1.5 mm <sup>2</sup>  | 14.5 mm        | 8.0 mm         | 1.8 mm         | 0.15 mm        | 3.4 mm         | 0.3 mm         | Black     | DIN/NF                  | AI 1,5 - 8 BK                    | 3200043   | 100       |
| 1.5 mm <sup>2</sup>  | 14.5 mm        | 8.0 mm         | 1.8 mm         | 0.15 mm        | 3.4 mm         | 0.3 mm         | Black     | DIN/NF                  | AI 1,5 - 8 BK -1000              | 3200917   | 1000      |
| 1.5 mm <sup>2</sup>  | 14.5 mm        | 8.0 mm         | 1.8 mm         | 0.15 mm        | 3.4 mm         | 0.3 mm         | Red       | W                       | AI 1,5 - 8 RD                    | 3201136   | 100       |
| 1.5 mm <sup>2</sup>  | 14.5 mm        | 8.0 mm         | 1.8 mm         | 0.15 mm        | 3.4 mm         | 0.3 mm         | Red       | W                       | AI 1,5 - 8 RD-1000               | 3202928   | 1000      |
| 1.5 mm <sup>2</sup>  | 16.5 mm        | 10.0 mm        | 1.8 mm         | 0.15 mm        | 3.4 mm         | 0.3 mm         | Black     | DIN/NF                  | AI 1,5 -10 BK                    | 3200195   | 100       |
| 1.5 mm <sup>2</sup>  | 16.5 mm        | 10.0 mm        | 1.8 mm         | 0.15 mm        | 3.4 mm         | 0.3 mm         | Black     | DIN/NF                  | AI 1,5 -10 BK-1000               | 3203134   | 1000      |
| 1.5 mm <sup>2</sup>  | 18.5 mm        | 12.0 mm        | 1.8 mm         | 0.15 mm        | 3.4 mm         | 0.3 mm         | Black     | DIN/NF                  | AI 1,5 -12 BK                    | 3201482   | 100       |
| 1.5 mm <sup>2</sup>  | 24.5 mm        | 18.0 mm        | 1.8 mm         | 0.15 mm        | 3.4 mm         | 0.3 mm         | Black     | DIN/NF                  | AI 1,5 -18 BK                    | 3200056   | 100       |
| 2.5 mm <sup>2</sup>  | 15.0 mm        | 8.0 mm         | 2.3 mm         | 0.15 mm        | 4.2 mm         | 0.3 mm         | Blue      | DIN/W                   | AI 2,5 - 8 BU                    | 3200522   | 100       |
| 2.5 mm <sup>2</sup>  | 15.0 mm        | 8.0 mm         | 2.3 mm         | 0.15 mm        | 4.2 mm         | 0.3 mm         | Blue      | DIN/W                   | AI 2,5 - 8 BU -1000              | 3200920   | 1000      |
| 2.5 mm <sup>2</sup>  | 15.0 mm        | 8.0 mm         | 2.3 mm         | 0.15 mm        | 4.2 mm         | 0.3 mm         | Gray      | NF                      | AI 2,5 - 8 GY                    | 3200069   | 100       |
| 2.5 mm <sup>2</sup>  | 17.0 mm        | 10.0 mm        | 2.3 mm         | 0.15 mm        | 4.2 mm         | 0.3 mm         | Blue      | DIN/W                   | AI 2,5 -10 BU <sup>2</sup>       | 3202533   | 100       |
| 2.5 mm <sup>2</sup>  | 17.0 mm        | 10.0 mm        | 2.3 mm         | 0.15 mm        | 4.2 mm         | 0.3 mm         | Blue      | DIN/W                   | AI 2,5 -10 BU-1000 <sup>2</sup>  | 3203147   | 1000      |
| 2.5 mm <sup>2</sup>  | 19.0 mm        | 12.0 mm        | 2.3 mm         | 0.15 mm        | 4.2 mm         | 0.3 mm         | Blue      | DIN/W                   | AI 2,5 -12 BU                    | 3200962   | 100       |
| 2.5 mm <sup>2</sup>  | 19.0 mm        | 12.0 mm        | 2.3 mm         | 0.15 mm        | 4.2 mm         | 0.3 mm         | Gray      | NF                      | AI 2,5 -12 GY                    | 3200205   | 100       |

**Ferrules With Insulating Collar According to DIN 46228-4 [...]**

| Cross Section       | $l_1$   | $l_2$   | $d_1$   | $s_1$   | $d_2$   | $s_2$  | Color  | Color Code <sup>1</sup> | Type                       | Order No. | Pcs./Pck. |
|---------------------|---------|---------|---------|---------|---------|--------|--------|-------------------------|----------------------------|-----------|-----------|
| 2.5 mm <sup>2</sup> | 25.0 mm | 18.0 mm | 2.3 mm  | 0.15 mm | 4.2 mm  | 0.3 mm | Blue   | DIN/W                   | AI 2,5 -18 BU              | 3200580   | 100       |
| 2.5 mm <sup>2</sup> | 25.0 mm | 18.0 mm | 2.3 mm  | 0.15 mm | 4.2 mm  | 0.3 mm | Gray   | NF                      | AI 2,5 -18 GY              | 3200072   | 100       |
| 4 mm <sup>2</sup>   | 17.5 mm | 10.0 mm | 2.9 mm  | 0.2 mm  | 4.7 mm  | 0.3 mm | Gray   | DIN/W                   | AI 4 -10 GY                | 3200535   | 100       |
| 4 mm <sup>2</sup>   | 17.5 mm | 10.0 mm | 2.9 mm  | 0.2 mm  | 4.7 mm  | 0.3 mm | Orange | NF                      | AI 4 -10 OG                | 3200085   | 100       |
| 4 mm <sup>2</sup>   | 19.5 mm | 12.0 mm | 2.9 mm  | 0.2 mm  | 4.7 mm  | 0.3 mm | Gray   | DIN/W                   | AI 4 -12 GY                | 3200959   | 100       |
| 4 mm <sup>2</sup>   | 19.5 mm | 12.0 mm | 2.9 mm  | 0.2 mm  | 4.7 mm  | 0.3 mm | Orange | NF                      | AI 4 -12 OG                | 3200438   | 100       |
| 4 mm <sup>2</sup>   | 22.5 mm | 18.0 mm | 2.9 mm  | 0.2 mm  | 4.7 mm  | 0.3 mm | Gray   | DIN/W                   | AI 4 -18 GY                | 3200593   | 100       |
| 4 mm <sup>2</sup>   | 22.5 mm | 18.0 mm | 2.9 mm  | 0.2 mm  | 4.7 mm  | 0.3 mm | Orange | NF                      | AI 4 -18 OG                | 3200098   | 100       |
| 6 mm <sup>2</sup>   | 20.0 mm | 12.0 mm | 3.6 mm  | 0.2 mm  | 6.2 mm  | 0.3 mm | Black  | W                       | AI 6 -12 BK                | 3201107   | 100       |
| 6 mm <sup>2</sup>   | 20.0 mm | 12.0 mm | 3.6 mm  | 0.2 mm  | 6.2 mm  | 0.3 mm | Green  | NF                      | AI 6 -12 GN                | 3200108   | 100       |
| 6 mm <sup>2</sup>   | 20.0 mm | 12.0 mm | 3.6 mm  | 0.2 mm  | 6.2 mm  | 0.3 mm | Yellow | DIN                     | AI 6 -12 YE                | 3200548   | 100       |
| 6 mm <sup>2</sup>   | 26.0 mm | 18.0 mm | 3.6 mm  | 0.2 mm  | 6.2 mm  | 0.3 mm | Green  | NF                      | AI 6 -18 GN                | 3200111   | 100       |
| 6 mm <sup>2</sup>   | 26.0 mm | 18.0 mm | 3.6 mm  | 0.2 mm  | 6.2 mm  | 0.3 mm | Yellow | DIN                     | AI 6 -18 YE                | 3200603   | 100       |
| 10 mm <sup>2</sup>  | 21.0 mm | 12.0 mm | 4.6 mm  | 0.2 mm  | 7.5 mm  | 0.3 mm | Brown  | NF                      | AI 10 -12 BN               | 3200124   | 100       |
| 10 mm <sup>2</sup>  | 21.0 mm | 12.0 mm | 4.6 mm  | 0.2 mm  | 7.5 mm  | 0.3 mm | Ivory  | W                       | AI 10 -12 IV               | 3201068   | 100       |
| 10 mm <sup>2</sup>  | 21.0 mm | 12.0 mm | 4.6 mm  | 0.2 mm  | 7.5 mm  | 0.3 mm | Red    | DIN                     | AI 10 -12 RD               | 3200551   | 100       |
| 10 mm <sup>2</sup>  | 27.0 mm | 18.0 mm | 4.6 mm  | 0.2 mm  | 7.5 mm  | 0.3 mm | Brown  | NF                      | AI 10 -18 BN               | 3200137   | 100       |
| 10 mm <sup>2</sup>  | 27.0 mm | 18.0 mm | 4.6 mm  | 0.2 mm  | 7.5 mm  | 0.3 mm | Red    | DIN                     | AI 10 -18 RD               | 3200616   | 100       |
| 16 mm <sup>2</sup>  | 23.0 mm | 12.0 mm | 6.0 mm  | 0.2 mm  | 8.7 mm  | 0.5 mm | Blue   | DIN                     | AI 16 -12 BU               | 3200564   | 100       |
| 16 mm <sup>2</sup>  | 23.0 mm | 12.0 mm | 6.0 mm  | 0.2 mm  | 8.7 mm  | 0.5 mm | Green  | W                       | AI 16 -12 GN               | 3201152   | 100       |
| 16 mm <sup>2</sup>  | 23.0 mm | 12.0 mm | 6.0 mm  | 0.2 mm  | 8.7 mm  | 0.5 mm | Ivory  | NF                      | AI 16 -12 IV               | 3201181   | 100       |
| 16 mm <sup>2</sup>  | 23.0 mm | 12.0 mm | 6.0 mm  | 0.2 mm  | 8.7 mm  | 0.5 mm | White  | -                       | AI 16 -12 WH               | 3200140   | 100       |
| 16 mm <sup>2</sup>  | 29.0 mm | 18.0 mm | 6.0 mm  | 0.2 mm  | 8.7 mm  | 0.5 mm | Blue   | DIN                     | AI 16 -18 BU               | 3200629   | 100       |
| 16 mm <sup>2</sup>  | 29.0 mm | 18.0 mm | 6.0 mm  | 0.2 mm  | 8.7 mm  | 0.5 mm | Green  | W                       | AI 16 -18 GN               | 3201330   | 100       |
| 16 mm <sup>2</sup>  | 29.0 mm | 18.0 mm | 6.0 mm  | 0.2 mm  | 8.7 mm  | 0.5 mm | White  | -                       | AI 16 -18 WH               | 3200153   | 100       |
| 25 mm <sup>2</sup>  | 29.0 mm | 16.0 mm | 7.5 mm  | 0.2 mm  | 10.8 mm | 0.5 mm | Black  | NF                      | AI 25 -16 BK               | 3200412   | 50        |
| 25 mm <sup>2</sup>  | 29.0 mm | 16.0 mm | 7.5 mm  | 0.2 mm  | 10.8 mm | 0.5 mm | Brown  | W                       | AI 25 -16 BN               | 3201084   | 100       |
| 25 mm <sup>2</sup>  | 29.0 mm | 16.0 mm | 7.5 mm  | 0.2 mm  | 10.8 mm | 0.5 mm | Yellow | DIN                     | AI 25 -16 YE               | 3200577   | 50        |
| 25 mm <sup>2</sup>  | 31.0 mm | 18.0 mm | 7.5 mm  | 0.2 mm  | 10.8 mm | 0.5 mm | Yellow | DIN                     | AI 25 -18 YE               | 3201505   | 50        |
| 25 mm <sup>2</sup>  | 35.0 mm | 22.0 mm | 7.5 mm  | 0.2 mm  | 10.8 mm | 0.5 mm | Black  | NF                      | AI 25 -22 BK               | 3200739   | 50        |
| 25 mm <sup>2</sup>  | 35.0 mm | 22.0 mm | 7.5 mm  | 0.2 mm  | 10.8 mm | 0.5 mm | Yellow | DIN                     | AI 25 -22 YE               | 3200700   | 50        |
| 35 mm <sup>2</sup>  | 30.0 mm | 16.0 mm | 8.5 mm  | 0.2 mm  | 12.3 mm | 0.6 mm | Beige  | W                       | AI 35 -16 BE               | 3201071   | 50        |
| 35 mm <sup>2</sup>  | 30.0 mm | 16.0 mm | 8.5 mm  | 0.2 mm  | 12.3 mm | 0.6 mm | Red    | DIN/NF                  | AI 35 -16 RD               | 3200441   | 50        |
| 35 mm <sup>2</sup>  | 32.0 mm | 18.0 mm | 8.5 mm  | 0.2 mm  | 12.3 mm | 0.6 mm | Red    | DIN/NF                  | AI 35 -18 RD               | 3201495   | 50        |
| 35 mm <sup>2</sup>  | 39.0 mm | 25.0 mm | 8.5 mm  | 0.2 mm  | 12.3 mm | 0.6 mm | Red    | DIN/NF                  | AI 35 -25 RD               | 3200713   | 50        |
| 50 mm <sup>2</sup>  | 36.0 mm | 20.0 mm | 10.5 mm | 0.3 mm  | 15.0 mm | 0.6 mm | Blue   | DIN/NF                  | AI 50 -20 BU               | 3200454   | 50        |
| 50 mm <sup>2</sup>  | 36.0 mm | 20.0 mm | 10.5 mm | 0.3 mm  | 15.0 mm | 0.6 mm | Olive  | W                       | AI 50 -20 OL               | 3201178   | 50        |
| 50 mm <sup>2</sup>  | 41.0 mm | 25.0 mm | 10.5 mm | 0.3 mm  | 15.0 mm | 0.6 mm | Blue   | DIN/NF                  | AI 50 -25 BU               | 3200726   | 25        |
| 50 mm <sup>2</sup>  | 41.0 mm | 25.0 mm | 10.5 mm | 0.3 mm  | 15.0 mm | 0.6 mm | Black  | -                       | AI 50 -25 BK               | 3240678   | 25        |
| 70 mm <sup>2</sup>  | 37.0 mm | 20.0 mm | 12.7 mm | 0.4 mm  | 15.8 mm | 0.7 mm | Yellow | DIN                     | AI 70 -20 YE <sup>2</sup>  | 3201848   | 25        |
| 95 mm <sup>2</sup>  | 44.0 mm | 25.0 mm | 14.5 mm | 0.4 mm  | 18.0 mm | 0.6 mm | Red    | DIN                     | AI 95 -25 RD <sup>2</sup>  | 3201853   | 25        |
| 120 mm <sup>2</sup> | 48.0 mm | 27.0 mm | 16.5 mm | 0.5 mm  | 21.0 mm | 0.7 mm | Blue   | DIN                     | AI 120 -27 BU <sup>2</sup> | 3201822   | 25        |

<sup>1</sup> DIN = Color code according to DIN 46228-4; W = Color code according to Weidmüller standard; NF = Color code according to NF C 63-023

<sup>2</sup> These ferrules are not included in DIN 46228-4.

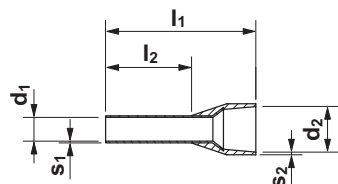


Figure 1 Dimensions (tolerances according to DIN 46228-4)

$l_1$  = Total length  
 $l_2$  = Sleeve length  
 $d_1$  = Inside diameter of sleeve  
 $s_1$  = Wall thickness of sleeve  
 $d_2$  = Inside diameter of insulating collar  
 $s_2$  = Wall thickness of insulating collar

**Assortment Boxes**

| Description                                                                                                                                                                 | Type                  | Order No. | Pcs./Pck. |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|-----------|-----------|
| Assortment box, red, color coding according to DIN<br>Comprises: 50 pcs. each of AI 0,5-8 WH, AI 2,5-8 BU,<br>100 pcs. each of AI 0,75-8 GY, AI 1-8 RD, AI 1,5-8 BK         | AI-TWIN SORTI BOX RD  | 3202960   | 1         |
| Assortment box, anthracite, color coding according to DIN<br>Comprises: 50 pcs. each of AI 4-10 GY, 20 pcs. each of AI 6-12 YE, AI 10-12 RD,<br>10 pcs. each of AI 16-12 BU | AI-TWIN SORTI BOX ANT | 3202973   | 1         |

**3 Technical Data****General Data**

## Material

Collar

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

Sleeve

E-CU, tin-plated surface