AI…GB



Ferrules With Insulating Collar for Wires With Increased Insulation

CLIPLINE

Data Sheet
103083_01_en

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Description

AI…GB ferrules enable practical crimping of wires with increased insulation. Due to the increased diameter of the insulating collar this type of ferrule is ideal for use with AWG cables.

The metal insulating sleeve is made from a soft electrolytic copper 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.

Make sure you always use the latest documentation.
It can be downloaded at www.download.phoenixcontact.com.

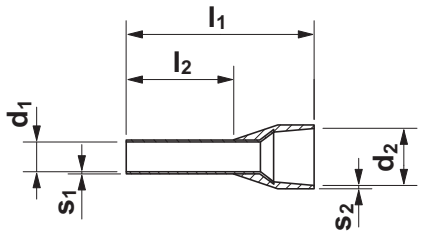
A conversion table is available on the Internet at
www.download.phoenixcontact.com/general/7000_en_00.pdf.

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

Dimensions and Ordering Data

Ferrules With Insulating Collar for Wires With Increased Insulation

Cross Section	l_1	l_2	d_1	s_1	d_2	s_2	Color	Type	Order No.	Pcs./Pck.
0.5 mm²	13.5 mm	8.0 mm	1.1 mm	0.15 mm	3.0 mm	0.3 mm	White	AI 0,5- 8 WH-GB	1208966	100
0.5 mm²	15.5 mm	10.0 mm	1.1 mm	0.15 mm	3.0 mm	0.3 mm	White	AI 0,5-10 WH-GB	3203150	100
0.75 mm²	14.0 mm	8.0 mm	1.3 mm	0.15 mm	3.4 mm	0.3 mm	Gray	AI 0,75- 8 GY-GB	1208979	100
0.75 mm²	16.0 mm	10.0 mm	1.3 mm	0.15 mm	3.4 mm	0.3 mm	Gray	AI 0,75-10 GY-GB	3203163	100
1 mm²	14.0 mm	8.0 mm	1.5 mm	0.15 mm	3.4 mm	0.3 mm	Red	AI 1-8 RD-GB	1208982	100
1 mm²	16.0 mm	10.0 mm	1.5 mm	0.15 mm	3.4 mm	0.3 mm	Red	AI 1-10 RD/1000 GB	1208869	1000
1.5 mm²	14.0 mm	8.0 mm	1.8 mm	0.15 mm	3.7 mm	0.3 mm	Black	AI 1,5-8 BK-GB-1000	3202892	1000
1.5 mm²	16.0 mm	10.0 mm	1.8 mm	0.15 mm	3.7 mm	0.3 mm	Black	AI 1,5-10 BK/1000 GB	1208872	1000



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

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

Technical Data

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

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