PROTECTION - CABLE END-SLEEVES, INSULATED AND NON-INSULATED

Klauke joins together what belongs together. Cable end-sleeves prevent the conductors splicing before they are connected in clamps. All wires remain together. Easy-Entry insulation speeds up the insertion of wires into the sleeve. Fine-stranded conductors in particular benefit from a special trapezoidal crimp. No splicing, no time wasted. Your conductors are protected and can be cleanly processed

In brief

- Stops conductors splicing
- Improved contact
- No risk of short-circuit due to bent strands
- Produced from high-quality copper
- Surface treatment with tin or in special versions with silver

Simple diversity

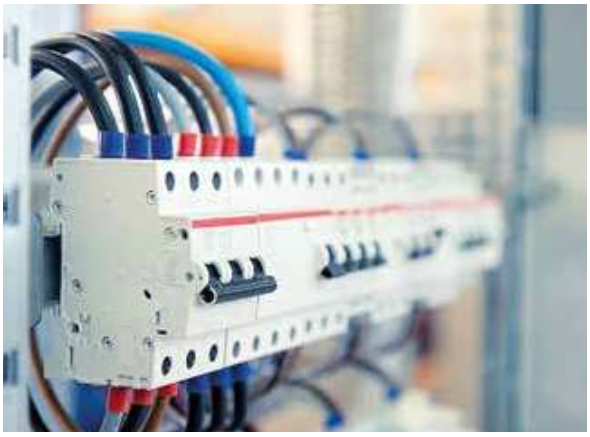
We have to admit: Cable end-sleeves are a simple product. Due to the differing crimp shapes in the range and the high-quality materials used in production, the sleeves are just incredibly good.

- Broad range: To DIN standards, for short circuit-resistant conductors, in various lengths, with and without insulating collars
- Marked to DIN colour code
- Twin cable end-sleeves for connecting in confined areas
- High-quality material for optimum conducting properties
- CSA-approved

Always the right crimp shape

We give every cable end-sleeve its perfect crimp shape. No matter where the conductor is to be laid later, we have a solution for you.

- The correct crimp shape for every connecting terminal
- Crimp shapes matched to the DIN dimensions
- For compacted conductors
- Connect without risk of short-circuit



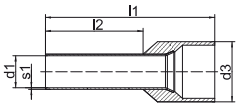
Easy-Entry insulation

The special Easy-Entry insulation makes it easier to insert the conductor into the sleeves. In addition, the insulation is highly-resistant, to temperatures of up to 105 °C for example.

- Easy-Entry insulation for convenient insertion of the conductor
- Temperature-resistant to 105 °C
- No toxic vapours in case of fire
- Ageing-resistant plastic collars

The easy-entry insulation enables fast insertion of conductors with no splicing.

Insulated cable end-sleeves to DIN, with Easy-Entry



- For fine and superfine stranded conductors, e.g. to DIN EN 60228 Cl. 5 and 6
- Easy-Entry insulation for splice-free cable insertion
- Halogen-free

Characteristics
- Colour-coding and tube dimension to DIN 46228, part 4
- Heat resistant to 105° C

Material
- Cu-DHP
- Synthetic material: polypropylene

Surface
- Tin-plated to protect against corrosion

Technical instructions
- Tool: see page 148

Additional information
- * = not standardised
- *** = quantities in one bag

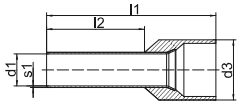
Nominal cross section mm²	Part No.	Colour	Hint	Dimension mm					Weight/ 1000 pcs. ~ kg	Packing unit/ pcs
				d1	d3	l1	l2	s1		
0.5	**4696**			1.0	3.1	12	6	0.15	0.070	1000
	4698			1.0	3.1	14	8	0.15	0.070	1000
	GR4698		***	1.0	3.1	14	8	0.15	0.070	500
	46910			1.0	3.1	16	10	0.15	0.085	1000
0.75	**4706**			1.2	3.3	12	6	0.15	0.080	1000
	4708			1.2	3.3	14	8	0.15	0.080	1000
	GR4708		***	1.2	3.3	14	8	0.15	0.080	500
	47010			1.2	3.3	16	10	0.15	0.100	1000
	47012			1.2	3.3	18	12	0.15	0.105	1000
1	**4716**			1.4	3.5	12	6	0.15	0.090	1000
	4718			1.4	3.5	14	8	0.15	0.100	1000
	GR4718		***	1.4	3.5	14	8	0.15	0.100	500
	47110			1.4	3.5	16	10	0.15	0.120	1000
	47112			1.4	3.5	18	12	0.15	0.125	1000
1.5	**4726**		*	1.7	4.0	12	6	0.15	0.105	1000
	4728			1.7	4.0	14	8	0.15	0.110	1000
	GR4728		***	1.7	4.0	14	8	0.15	0.110	500
	47210			1.7	4.0	16	10	0.15	0.130	1000
	47212			1.7	4.0	18	12	0.15	0.150	1000
	47218			1.7	4.0	24	18	0.15	0.190	1000
2.5	**4738**			2.2	4.7	14	8	0.15	0.150	1000
	GR4738		***	2.2	4.7	14	8	0.15	0.150	500
	47312			2.2	4.7	18	12	0.15	0.200	1000
	47318			2.2	4.7	24	18	0.15	0.250	1000
4	**47410**			2.8	5.4	17	10	0.20	0.210	100
	47412			2.8	5.4	20	12	0.20	0.250	100
	47418			2.8	5.4	26	18	0.20	0.320	100
6	**47512**			3.5	6.9	20	12	0.20	0.350	100
	47518			3.5	6.9	26	18	0.20	0.460	100
10	**47612**			4.5	8.4	22	12	0.20	0.450	100
	47618			4.5	8.4	28	18	0.20	0.650	100

See next page

Insulated cable end-sleeves to DIN, with Easy-Entry

Nominal cross section mm²	Part No.	Colour	Hint	Dimension mm					Weight/ 1000 pcs. ~ kg	Packing unit/ pcs
				d1	d3	l1	l2	s1		
16	**47712**			5.8	9.6	24	12	0.20	0.650	100
	47718			5.8	9.6	28	18	0.20	0.800	100
25	**47816**			7.3	12.0	30	16	0.20	1.600	50
	47818			7.3	12.0	30	18	0.20	1.700	50
	47822			7.3	12.0	36	22	0.20	2.000	50
35	**47916**			8.3	13.5	30	16	0.20	1.900	50
	47918			8.3	13.5	30	18	0.20	2.100	50
	47925			8.3	13.5	39	25	0.20	2.500	50
50	**48020**			10.3	16.0	36	20	0.30	3.300	50
	48025			10.3	16.0	40	25	0.30	3.600	50
70	**48121**		*	13.5	17.2	37	21	0.40	4.620	25
95	**48225**		*	14.5	19.2	44	25	0.40	6.000	25
120	**48327**		*	16.7	21.4	48	27	0.45	7.850	25
150	**48432**		*	19.5	25.0	58	32	0.50	12.330	25

Insulated cable end-sleeves to DIN with Easy-Entry, colour code 1



- For fine and superfine stranded conductors, e.g. to DIN EN 60228 Cl. 5 and 6
- Easy-Entry insulation for splice-free cable insertion
- Halogen-free

Characteristics
- To DIN 46228, part 4, (0.5 - 50 mm²)
- Heat resistant to 105° C

Material
- Cu-DHP
- Synthetic material: polypropylene

Surface
- Tin-plated to protect against corrosion

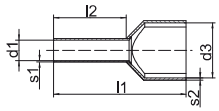
Technical instructions
- Tool: see page 148

Additional information
- * = not standardised
- ** = quantities in one bag

Nominal cross section mm²	Part No.	Colour	Hint	Dimension mm					Weight/ 1000 pcs. ~ kg	Packing unit/ pcs
				d1	d3	l1	l2	s1		
0.14	**166GR**		*	0.7	2.5	10.0	6	0.15	0.035	1000
	166GRL		*	0.7	2.5	12.0	8	0.15	0.040	1000
0.25	**167H**		*	0.8	2.5	10.0	6	0.15	0.045	1000
	167HL		*	0.8	2.5	12.0	8	0.15	0.050	1000
0.34	**168T**		*	0.8	2.5	10.0	6	0.15	0.045	1000
	168TL		*	0.8	2.5	12.0	8	0.15	0.050	1000
0.5	**1690K**			1.0	3.1	12.0	6	0.15	0.070	1000
	1690			1.0	3.1	14.0	8	0.15	0.070	1000
	GR1690		**	1.0	3.1	14.0	8	0.15	0.070	500
	1690H			1.0	3.1	16.0	10	0.15	0.085	1000

See next page

Insulated twin cable end-sleeves



- For fine and superfine stranded conductors, e.g. to DIN EN 60228 Cl. 5 and 6
- For looping of clamps
- Colour-coding following DIN 46228 part 4 (0.5 - 16 mm²)
- Halogen-free

Characteristics
- Heat resistant to 105° C

Material
- Copper (EN13600)
- Synthetic material: polypropylene

Surface
- Tin-plated to protect against corrosion

Technical instructions
- Tool: see page 150

Nominal cross section mm²	Part No.	Colour	Dimension mm						Weight/ 1000 pcs. ~ kg	Packing unit/ pcs
			d1	d3	l1	l2	s1	s2		
2 x 0.25	**8678**		1.20	2.3/3.9	15.0	8	0.15	0.25	0.110	1000
2 x 0.34	**8688**		1.20	2.3/3.9	15.0	8	0.15	0.25	0.110	1000
2 x 0.5	**8698**		1.40	3.0/5.2	15.0	8	0.15	0.25	0.110	1000
2 x 0.75	**8708**		1.70	3.3/5.5	15.0	8	0.15	0.25	0.130	1000
	87010		1.70	3.3/5.5	17.0	10	0.15	0.25	0.150	1000
2 x 1	**8718**		2.00	4.0/6.0	15.0	8	0.15	0.30	0.170	1000
	87110		2.00	4.0/6.0	17.0	10	0.15	0.30	0.170	1000
2 x 1.5	**8728**		2.20	4.2/7.2	16.0	8	0.15	0.30	0.183	1000
	87212		2.20	4.2/7.2	20.0	12	0.15	0.30	0.237	1000
2 x 2.5	**87310**		2.80	4.8/8.4	18.5	10	0.20	0.30	0.312	100
	87313		2.80	4.8/8.4	21.5	13	0.20	0.30	0.340	100
2 x 4	**87412**		3.70	5.7/9.6	23.0	12	0.20	0.40	0.467	100
2 x 6	**87514**		4.80	7.7/10.8	26.0	14	0.20	0.40	0.730	100
2 x 10	**87614**		6.40	8.0/13.8	26.0	14	0.20	0.40	0.884	100
2 x 16	**87714**		8.20	10.4/19.2	30.0	14	0.20	0.40	1.273	100