



# 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



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

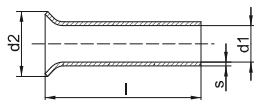
▶ **Easy-Entry insulation**

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



## Cable end-sleeves to DIN, Cu



- ▶ For fine and superfine stranded conductors, e.g. to DIN EN 60228 Cl. 5 and 6
- ▶ Optimal cable entry due to widened sleeve



### Characteristics

- To DIN 46228, part 1 and similar



### Material

- Copper

### Surface

- Tin-plated to protect against corrosion

### Technical instructions

- Tool: see page 148

### Additional information

- Silvered version also available, without Part Number appendix "V", exception: Part Number 705V in silvered version = Part No. 7050
- \* = not standardised

Nominal cross section mm <sup>2</sup>	Part No.	Hint	Dimension mm				Weight/1000 pcs. ~ kg	Packing unit/pcs
			d1	d2	l	s		
0.25	695V	*	0.75	1.7	5	0.15	0.02	1000
	697V	*	0.75	1.7	7	0.15	0.03	1000
0.34	705V	*	0.85	1.8	5	0.15	0.02	1000
	707V	*	0.85	1.8	7	0.15	0.03	1000
0.5	71S6V		1.00	2.1	6	0.15	0.03	1000
	71S8V	*	1.00	2.1	8	0.15	0.04	1000
	71S10V		1.00	2.1	10	0.15	0.05	1000
0.75	716V		1.20	2.3	6	0.15	0.04	1000
	718V	*	1.20	2.3	8	0.15	0.05	1000
	7110V		1.20	2.3	10	0.15	0.06	1000
	7112V	*	1.20	2.3	12	0.15	0.08	1000
	7115V	*	1.20	2.3	15	0.15	0.09	1000
1	72S6V		1.40	2.5	6	0.15	0.04	1000
	72S8V	*	1.40	2.5	8	0.15	0.06	1000
	72S10V		1.40	2.5	10	0.15	0.07	1000
	72S12V	*	1.40	2.5	12	0.15	0.08	1000
	72S15V	*	1.40	2.5	15	0.15	0.10	1000
1.5	726V	*	1.70	2.8	6	0.15	0.05	1000
	727V		1.70	2.8	7	0.15	0.06	1000
	728V	*	1.70	2.8	8	0.15	0.07	1000
	7210V		1.70	2.8	10	0.15	0.09	1000
	7212V		1.70	2.8	12	0.15	0.10	1000
	7215V	*	1.70	2.8	15	0.15	0.13	1000
	7218V		1.70	2.8	18	0.15	0.15	1000
	7220V	*	1.70	2.8	20	0.15	0.17	1000
2.5	737V		2.20	3.4	7	0.15	0.08	1000
	738V	*	2.20	3.4	8	0.15	0.09	1000
	7310V		2.20	3.4	10	0.15	0.11	1000
	7312V		2.20	3.4	10	0.15	0.13	1000
	7315V	*	2.20	3.4	15	0.15	0.17	1000
	7318V		2.20	3.4	18	0.15	0.20	1000
	7320V	*	2.20	3.4	20	0.15	0.22	1000

### Cable end-sleeves to DIN, Cu

Nominal cross section mm <sup>2</sup>	Part No.	Hint	Dimension mm				Weight/ 1000 pcs. ~ kg	Packing unit/pcs
			d1	d2	l	s		
4	748V	*	2.80	4.0	9	0.20	0.14	1000
	749V		2.80	4.0	9	0.20	0.16	1000
	7410V	*	2.80	4.0	10	0.20	0.17	1000
	7412V		2.80	4.0	12	0.20	0.20	1000
	7415V		2.80	4.0	15	0.20	0.27	1000
	7418V		2.80	4.0	18	0.20	0.32	1000
	7420V	*	2.80	4.0	20	0.20	0.35	1000
	6	7510V		3.50	4.7	10	0.20	0.23
7512V			3.50	4.7	12	0.20	0.27	100
7515V			3.50	4.7	15	0.20	0.34	100
7518V			3.50	4.7	18	0.20	0.40	100
7520V		*	3.50	4.7	20	0.20	0.45	100
7525V		*	3.50	4.7	25	0.20	0.56	100
10		7610V	*	4.5	5.8	10	0.2	0.27
	7612V		4.5	5.8	12	0.2	0.33	100
	7615V		4.5	5.8	15	0.2	0.41	100
	7618V		4.5	5.8	18	0.2	0.49	100
	7620V	*	4.5	5.8	20	0.2	0.55	100
	7625V	*	4.5	5.8	25	0.2	0.68	100
16	7712V		5.8	7.5	12	0.2	0.43	100
	7715V		5.8	7.5	15	0.2	0.53	100
	7718V		5.8	7.5	18	0.2	0.60	100
	7720V	*	5.8	7.5	20	0.2	0.70	100
	7725V		5.8	7.5	25	0.2	0.87	100
	7732V		5.8	7.5	32	0.2	1.11	100
25	7812V	*	7.3	9.5	12	0.2	0.80	50
	7815V		7.3	9.5	15	0.2	0.99	50
	7818V		7.3	9.5	18	0.2	1.18	50
	7820V	*	7.3	9.5	20	0.2	1.31	50
	7825V		7.5	9.5	25	0.2	1.63	50
	7828V	*	7.3	9.5	28	0.2	1.82	50
	7832V		7.3	9.5	32	0.2	2.07	50
35	7912V	*	8.3	11.0	12	0.2	0.90	50
	7915V	*	8.3	11.0	15	0.2	1.12	50
	7918V		8.3	11.0	18	0.2	1.34	50
	7920V	*	8.3	11.0	20	0.2	1.48	50
	7922V	*	8.3	11.0	22	0.2	1.63	50
	7925V		8.5	11.0	25	0.2	1.80	50
	7930V	*	8.3	11.0	30	0.2	2.20	50
	7932V		8.5	11.0	32	0.2	2.35	50
50	8018V		10.3	13.0	18	0.3	1.69	50
	8022V	*	10.3	13.0	22	0.3	2.05	50
	8025V		10.3	13.0	25	0.3	2.32	50
	8030V	*	10.3	13.0	30	0.3	2.77	50
	8032V		10.3	13.0	32	0.3	2.95	50

See next page



### Cable end-sleeves to DIN, Cu

Nominal cross section mm <sup>2</sup>	Part No.	Hint	Dimension mm				Weight/ 1000 pcs. ~ kg	Packing unit/pcs
			d1	d2	l	s		
70	<b>8122V</b>	*	12.7	15.0	22	0.4	3.31	25
	<b>8125V</b>	*	12.7	15.0	25	0.4	3.75	25
	<b>8130V</b>	*	12.7	15.0	30	0.4	4.48	25
	<b>8132V</b>	*	12.7	15.0	32	0.4	4.78	25
95	<b>8225V</b>	*	14.7	17.0	25	0.4	4.32	25
	<b>8230V</b>	*	14.7	17.0	30	0.4	5.17	25
	<b>8232V</b>	*	14.7	17.0	32	0.4	5.17	25
	<b>8234V</b>	*	14.7	17.0	34	0.4	5.84	25
120	<b>8330V</b>	*	16.7	19.0	30	0.5	7.35	25
	<b>8332V</b>	*	16.7	19.0	32	0.5	7.83	25
	<b>8334V</b>	*	16.7	19.0	34	0.5	8.31	25
	<b>8338V</b>	*	16.7	19.0	38	0.5	9.28	25
	<b>8340V</b>	*	16.7	19.0	40	0.5	9.76	25
150	<b>8432V</b>	*	18.7	21.0	32	0.5	8.75	25
	<b>8434V</b>	*	18.7	21.0	34	0.5	9.28	25
	<b>8438V</b>	*	18.7	21.0	38	0.5	10.36	25
	<b>8440V</b>	*	18.7	21.0	40	0.5	10.89	25
185	<b>8532V</b>	*	20.2	23.5	32	0.6	11.38	25
	<b>8540V</b>	*	20.2	23.5	40	0.6	14.17	25
240	<b>8634V</b>	*	23.0	26.0	34	0.5	11.25	25
	<b>8640V</b>	*	23.0	26.0	40	0.5	13.23	25

## 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

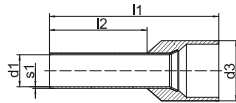
- Tin-plated to protect against corrosion

### Technical instructions

- Tool: see page 148

### Additional information

- \* = not standardised
- \*\*\* = quantities in one bag

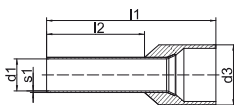


Nominal cross section mm <sup>2</sup>	Part No.	Colour	Hint	Dimension mm					Weight/ 1000 pcs. ~ kg	Packing unit/ pcs
				d1	d3	l1	l2	s1		
0.5	4696	□		1.0	3.1	12	6	0.15	0.070	1000
	4698	□		1.0	3.1	14	8	0.15	0.070	1000
	GR4698	□	***	1.0	3.1	14	8	0.15	0.070	500
	46910	□		1.0	3.1	16	10	0.15	0.085	1000
0.75	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
1	47012	■		1.2	3.3	18	12	0.15	0.105	1000
	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
1.5	47110	■		1.4	3.5	16	10	0.15	0.120	1000
	47112	■		1.4	3.5	18	12	0.15	0.125	1000
	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
2.5	47212	■		1.7	4.0	18	12	0.15	0.150	1000
	47218	■		1.7	4.0	24	18	0.15	0.190	1000
	4738	■		2.2	4.7	14	8	0.15	0.150	1000
	GR4738	■	***	2.2	4.7	14	8	0.15	0.150	500
4	47312	■		2.2	4.7	18	12	0.15	0.200	1000
	47318	■		2.2	4.7	24	18	0.15	0.250	1000
	47410	■		2.8	5.4	17	10	0.20	0.210	100
6	47412	■		2.8	5.4	20	12	0.20	0.250	100
	47418	■		2.8	5.4	26	18	0.20	0.320	100
	47512	■		3.5	6.9	20	12	0.20	0.350	100
10	47518	■		3.5	6.9	26	18	0.20	0.460	100
	47612	■		4.5	8.4	22	12	0.20	0.450	100
	47618	■		4.5	8.4	28	18	0.20	0.650	100

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

Nominal cross section mm <sup>2</sup>	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 mm<sup>2</sup>)
- 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 mm <sup>2</sup>	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

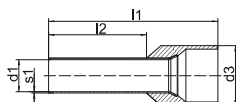
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## Insulated cable end-sleeves to DIN with Easy-Entry, colour code 1

Nominal cross section mm <sup>2</sup>	Part No.	Colour	Hint	Dimension mm					Weight/ 1000 pcs. ~ kg	Packing unit/ pcs
				d1	d3	l1	l2	s1		
0.75	170WK			1.2	3.3	12.0	6	0.15	0.080	1000
	170W			1.2	3.3	14.0	8	0.15	0.080	1000
	GR170W		**	1.2	3.3	14.0	8	0.15	0.080	500
	170WH			1.2	3.3	16.0	10	0.15	0.100	1000
	170WL			1.2	3.3	18.0	12	0.15	0.105	1000
1	171GK			1.4	3.5	12.0	6	0.15	0.090	1000
	171G			1.4	3.5	14.0	8	0.15	0.100	1000
	GR171G		**	1.4	3.5	14.0	8	0.15	0.100	500
	171GH			1.4	3.5	16.0	10	0.15	0.120	1000
	171GL			1.4	3.5	18.0	12	0.15	0.125	1000
1.5	172RK			1.7	4.0	12.0	6	0.15	0.105	1000
	172RO			1.7	4.0	14.0	8	0.15	0.110	1000
	GR172RO		**	1.7	4.0	14.0	8	0.15	0.110	500
	172RH			1.7	4.0	16.0	10	0.15	0.130	1000
	172RM			1.7	4.0	18.0	12	0.15	0.140	1000
2.5	172RL			1.7	4.0	24.0	18	0.15	0.190	1000
	173B			2.2	4.7	14.0	8	0.15	0.150	1000
	GR173B		**	2.2	4.7	14.0	8	0.15	0.150	500
	173BH			2.2	4.7	18.0	12	0.15	0.200	1000
	173BL			2.2	4.7	24.0	18	0.15	0.250	1000
4	174GR			2.8	5.4	17.0	10	0.20	0.210	100
	174GRH			2.8	5.4	20.0	12	0.20	0.250	100
	174GRL			2.8	5.4	26.0	18	0.20	0.320	100
6	175S			3.5	6.9	20.0	12	0.20	0.350	100
	175SL			3.5	6.9	26.0	18	0.20	0.460	100
10	176E			4.5	8.4	22.0	12	0.20	0.450	100
	176EL			4.5	8.4	28.0	18	0.20	0.650	100
16	177GR			5.8	9.6	24.0	12	0.20	0.650	100
	177GRL			5.8	9.6	28.0	18	0.20	0.800	100
25	178BR			7.3	12.0	30.0	16	0.20	1.600	50
	178BRL			7.3	12.0	36.0	22	0.20	2.000	50
35	179B			8.3	13.5	30.0	16	0.20	1.900	50
	179BL			8.3	13.5	39.0	25	0.20	2.500	50
50	1800			10.3	16.0	36.0	20	0.30	3.300	50
	1800L			10.3	16.0	40.0	25	0.30	4.000	50



## Insulated cable end-sleeves to DIN with Easy-Entry, colour code 2



- ▶ 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 - 25 mm<sup>2</sup>)
- 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

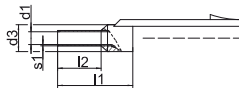
Nominal cross section mm <sup>2</sup>	Part No.	Colour	Hint	Dimension mm					Weight/ 1000 pcs. ~ kg	Packing unit/ pcs
				d1	d3	l1	l2	s1		
0.14	1666	■	*	0.7	2.5	10.0	6	0.15	0.035	1000
	1668	■	*	0.7	2.5	12.0	8	0.15	0.040	1000
0.25	1676	■	*	0.8	2.5	10.0	6	0.15	0.045	1000
	1678	■	*	0.8	2.5	12.0	8	0.15	0.050	1000
0.34	1686	■	*	0.8	2.5	10.0	6	0.15	0.045	1000
	1688	■	*	0.8	2.5	12.0	8	0.15	0.050	1000
0.5	1696	□		1.0	3.1	12.0	6	0.15	0.070	1000
	1698	□		1.0	3.1	14.0	8	0.15	0.080	1000
	GR1698	□	**	1.0	3.1	14.0	8	0.15	0.080	500
0.75	1706	■		1.2	3.3	12.0	6	0.15	0.080	1000
	1708	■		1.2	3.3	14.0	8	0.15	0.095	1000
	GR1708	■	**	1.2	3.3	14.0	8	0.15	0.095	500
1	1716	■		1.4	3.5	12.0	6	0.15	0.085	1000
	1718	■		1.4	3.5	14.0	8	0.15	0.100	1000
	GR1718	■	**	1.4	3.5	14.0	8	0.15	0.100	500
1.5	1726	■		1.7	4.0	12.0	6	0.15	0.100	1000
	1728	■		1.7	4.0	14.0	8	0.15	0.120	1000
	GR1728	■	**	1.7	4.0	14.0	8	0.15	0.120	500
	17210	■		1.7	4.0	16.0	10	0.15	0.130	1000
	17212	■		1.7	4.0	18.0	12	0.15	0.140	1000
2.5	17218	■		1.7	4.0	24.0	18	0.15	0.220	1000
	1738	■		2.2	4.7	14.0	8	0.15	0.140	1000
	GR1738	■	**	2.2	4.7	14.0	8	0.15	0.140	500
	17312	■		2.2	4.7	18.0	12	0.15	0.200	1000
	17318	■		2.2	4.7	24.0	18	0.15	0.280	1000
4	17410	■		2.8	5.4	17.0	10	0.20	0.260	100
	17412	■		2.8	5.4	20.0	12	0.20	0.300	100
	17418	■		2.8	5.4	26.0	18	0.20	0.390	100
6	17512	■		3.5	6.9	20.0	12	0.20	0.410	100
	17518	■		3.5	6.9	26.0	18	0.20	0.530	100

See next page

## Insulated cable end-sleeves to DIN with Easy-Entry, colour code 2

Nominal cross section mm <sup>2</sup>	Part No.	Colour	Hint	Dimension mm					Weight/ 1000 pcs. ~ kg	Packing unit/ pcs
				d1	d3	l1	l2	s1		
10	17612			4.5	8.4	22.0	12	0.20	0.550	100
	17618			4.5	8.4	28.0	18	0.20	0.710	100
16	17712			5.8	9.6	24.0	12	0.20	0.660	100
	17718			5.8	9.6	28.0	18	0.20	0.850	100
25	17816			7.3	12.0	30.0	16	0.20	1.500	50
	17818			7.3	12.0	30.0	18	0.20	1.550	50
	17822			7.3	12.0	36.0	22	0.20	2.000	50

## Insulated cable end-sleeves with lug



- ▶ For fine and superfine stranded conductors, e.g. to DIN EN 60228 Cl. 5 and 6
- ▶ With identification system for max. 6 identification rings
- ▶ Halogen-free

### Characteristics

- Dimensions to DIN 46228, part 4
- Heat resistant to 105° C

### Material






- Copper (EN13600)
- Synthetic material: polypropylene

### Surface

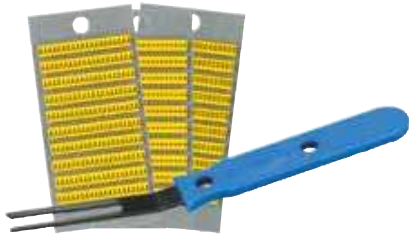
- Tin-plated to protect against corrosion

### Technical instructions

- Tool: see page 148

Nominal cross section mm <sup>2</sup>	Part No.	Colour	Dimension mm					Weight/ 1000 pcs. ~ kg	Packing unit/pcs
			d1	d3	l1	l2	s1		
0.5	3698		1.0	3.1	13.0	8	0.15	0.16	1000
0.75	3708		1.2	3.2	13.5	8	0.15	0.16	1000
1	3718		1.4	3.4	13.5	8	0.15	0.18	1000
1.5	3728		1.7	3.9	13.5	8	0.15	0.20	1000
2.5	3738		2.2	4.7	14.5	8	0.15	0.22	1000

## Designation ring and insert fork



► For identifying the insulated cable end-sleeves with lugs

### Characteristics

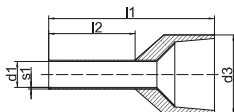
- Differing numbers / letters in the designation rings
- Packaging unit in booklet format, 200 of each symbol
- Insert fork A300 for inserting in the designation ring on the insulated cable end-sleeves with tabs

### Additional information

- \* = without letters "I", "O" and "Y"

Part No.	Colour	Hint	Packing unit/pcs
<b>Designation rings</b>			
380/-	■		1 booklet
380/+	■		1 booklet
380/0 to 9	■		1 booklet
380/A to Z	■	*	1 booklet
<b>Insert fork</b>			
A300			1

## Insulated cable end-sleeves for short circuit resistant conductors



- For fine and superfine stranded conductors, e.g. to DIN EN 60228 Cl. 5 and 6
- For short circuit resistant conductors (e.g. NSGAFÖU)
- Halogen-free



### Characteristics

- Heat resistant to 105° C
- Easy-Entry insulation for simple cable insertion
- Colour-coded cross-section assignment



### Material

- Copper (EN13600)
- Synthetic material: polypropylene

### Surface

- Tin-plated to protect against corrosion

### Technical instructions

- Tool: see page 148

Nominal cross section mm <sup>2</sup>	Part No.	Colour	Dimension mm					Weight/ 1000 pcs. ~ kg	Packing unit/pcs
			d1	d3	l1	l2	s1		
1.5	4328	■	1.7	8.1	17.5	8	0.15	0.22	100
	43210	■	1.7	8.1	19.5	10	0.15	0.27	100
2.5	4338	■	2.2	8.6	17.5	8	0.15	0.24	100
	43312	■	2.2	8.6	21.5	12	0.15	0.36	100
4	43410	■	2.9	10.5	19.5	10	0.20	0.36	100
6	43512	■	3.5	11.0	23.0	12	0.20	0.49	100
10	43612	■	4.5	12.5	24.0	12	0.20	0.65	100
16	43712	■	5.8	14.5	25.5	12	0.20	0.93	100

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