

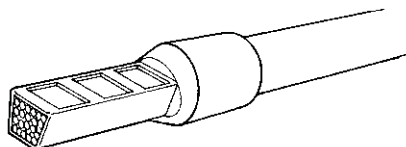
End sleeves

General information	3.2
Pre insulated end sleeves 0.25 - 50 mm²	3.3
Pre insulated TWIN end sleeves 2 x 0.5 - 2 x 16 mm²	3.4
Uninsulated end sleeves 0.5 - 35 mm²	3.5

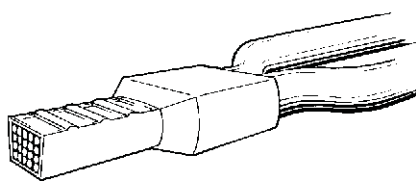
End sleeves

End sleeves are used when a perfect connection is required, for example, to a screw terminal block. The strands are kept together and connecting screws will not damage the strands. Long lasting contact forces are easier to achieve. In addition to the end sleeves shown in the tables, we also offer similar terminals with other commonly used colour codings systems as well as terminals above 50 mm² when needed.

Abiko end sleeves are manufactured from tin plated, electrolytic 99.95% copper tubes. The end sleeves have dimensions in accordance with DIN 46228 (with a few exceptions, see tables). The pre-insulated end sleeves are made of PP, polypropylene, and have a conical EasyEntry, inside shape.



Crimped pre-insulated end sleeves.



Crimped TWIN end sleeves.

Product designations

Cat. no. KA4-12ETW (example)

KA = pre-insulated

KB = un-insulated

4 = cross section area (4 mm²)

12 = metal sleeve length

ETW = end sleeve, colour code W

ETW2 = TWIN end sleeve, colour code W

Colour codes

Cross section area mm ²	Colours as per DIN 46228 type ETD	Standard colour type ETW	Alternative colour type ETT
0,14	grey	grey	brown
0,25	yellow	light blue	violet
0,34	turquoise	turquoise	pink
0,50	white	red-orange	white
0,75	grey	white	blue
1	red	yellow	red
1,5	black	red	black
2,5	blue	blue	grey
4	grey	grey	orange
6	yellow	black	green
10	red	ivory	brown
16	blue	green	white
25	yellow	brown	black
35	red	beige	red
50	blue	oliv green	blue
70	yellow	yellow	yellow
95	red	red	red
120	blue	blue	blue
150	yellow	yellow	yellow

Pre insulated end sleeves 0.25 - 50 mm²

■ Data: Cu99.95%, tin plated, polypropylene insulation, dimensions according to DIN 46228 part 4, colour code W.

■ Our standard colour code ETW is shown in the table below. If colour code T or D are requested, as shown in table on page 3:2, please order with the ending ETD or ETT instead of ETW, i.e. KA0,75-6ETD or KA0,75-6ETT instead of KA0,75-6ETW.



	area	Cat. no.	mm L	L ₁	d	s	Pcs/pack
	0,14	KA0,14-6ETW*	10,5	6	2,0	8	500
	0,25	KA0,25-6ETW*	10,5	6	2,0	8	500
	0,34	KA0,34-8ETW*	12	8	2,0	8	500
	0,5	KA0,5-6ETW	11,5	6	2,5	8	500
	0,5	KA0,5-8ETW	13,5	8	2,5	10	500
	0,5	KA0,5-10ETW	15,5	10	2,5	12	500
	0,75	KA0,75-6ETW	12,0	6	2,8	8	500
	0,75	KA0,75-8ETW	14,0	8	2,8	10	500
	0,75	KA0,75-10ETW	16,0	10	2,8	12	500
	0,75	KA0,75-12ETW	18,0	12	2,8	14	500
	1	KA1-6ETW	12,5	6	3,0	8	500
	1	KA1-8ETW	14,5	8	3,0	10	500
	1	KA1-10ETW	16,5	10	3,0	12	500
	1	KA1-12ETW	18,5	12	3,0	14	500
	1,5	KA1,5-8ETW	14,5	8	3,4	10	500
	1,5	KA1,5-10ETW	16,5	10	3,4	12	500
	1,5	KA1,5-18ETW	24,5	18	3,4	20	500
	2,5	KA2,5-8ETW	15,0	8	4,2	10	500
	2,5	KA2,5-12ETW	19,0	12	4,2	14	500
	2,5	KA2,5-18ETW	25,0	18	4,2	20	500
	4	KA4-10ETW	17,5	10	4,8	12	500
	4	KA4-12ETW	20,0	12	4,8	14	500
	4	KA4-18ETW	26,0	18	4,8	20	100
	6	KA6-12ETW	20	12	6,2	14	100
	6	KA6-18ETW	26	18	6,2	20	100
	10	KA10-12ETW	21	12	7,5	14	100
	10	KA10-18ETW	27	18	7,5	20	100
	16	KA16-12ETW	23	12	8,8	14	100
	16	KA16-18ETW	29	18	8,8	20	100
	25	KA25-16ETW	29	16	11,0	18	50
	25	KA25-22ETW	35	22	11,0	24	50
	35	KA35-16ETW	30	16	12,5	18	50
	35	KA35-25ETW	39	25	12,5	27	50
	50	KA50-20ETW	36,0	20	15	22	50
	50	KA50-25ETW	41,0	25	15	27	25

s = strip length

*Does not conform to DIN 46228 part 4.

We also offer larger areas than 50 mm² and other colour codes.

Pre insulated TWIN end sleeves 2 x 0.5 - 2 x 16 mm²

■ Data: electrolytic copper, tin plated, polypropylene insulation, colour code according to standard colour W and sizes to DIN 46228.

Designed to connect two conductors in one end sleeve.



mm ²	area	Cat. no.	mm L	L ₁	d	D	H	s	Pcs/pack
2x0,5	2x0,5	KA0,5-8ETW2	15,0	8	1,5	4,5	2,3	10	500
2x0,75	2x0,75	KA0,75-8ETW2	15,0	8	1,8	5,1	2,6	10	500
2x1	2x1	KA1-8ETW2	15,0	8	2,0	5,1	3,0	10	500
2x1	2x1	KA1-10ETW2	17,0	10	2,0	5,1	3,0	12	500
2x1,5	2x1,5	KA1,5-8ETW2	16	8	2,3	6,4	3,5	10	500
2x1,5	2x1,5	KA1,5-12ETW2	20	12	2,3	6,4	3,5	14	500
2x2,5	2x2,5	KA2,5-10ETW2	18,5	10	2,9	7,5	4,0	12	250
2x2,5	2x2,5	KA2,5-13ETW2	21,5	13	2,9	7,5	4,0	15	500
2x4	2x4	KA4-12ETW2	23	12	3,8	8,6	4,9	14	100
2x6	2x6	KA6-14ETW2	25	14	4,6	9,6	5,8	16	100
2x10	2x10	KA10-14ETW2	26	14	6,5	12,6	7,0	16	100
2x16	2x16	KA16-16ETW2	31	16	8,5	16,6	8,8	16	50

s = strip length

Uninsulated end sleeves 0.5 - 35 mm²

■ Data: electrolytic copper, tin plated, dimensions according to DIN 46228 part 1.



area	Cat. no.	mm L	d	s	Pcs/pack
0,5	KB0,5-6ET	6	1,0	6	1000
0,5	KB0,5-8ET*	8	1,0	8	1000
0,5	KB0,5-10ET	10	1,0	10	1000
0,75	KB0,75-6ET	6	1,2	6	1000
0,75	KB0,75-8ET*	8	1,2	8	1000
0,75	KB0,75-10ET	10	1,2	10	1000
1	KB1-6ET	6	1,4	6	1000
1	KB1-8ET*	8	1,4	8	1000
1	KB1-10ET	10	1,4	10	1000
1	KB1-12ET*	12	1,4	12	1000
1,5	KB1,5-7ET	7	1,7	7	1000
1,5	KB1,5-10ET	10	1,7	10	1000
1,5	KB1,5-18ET	18	1,7	18	1000
2,5	KB2,5-7ET	7	2,2	7	1000
2,5	KB2,5-12ET	12	2,2	12	1000
2,5	KB2,5-18ET	18	2,2	18	1000
4	KB4-9ET	9	2,8	9	1000
4	KB4-12ET	12	2,8	12	1000
4	KB4-18ET	18	2,8	18	1000
6	KB6-10ET	10	3,5	10	1000
6	KB6-12ET	12	3,5	12	1000
6	KB6-18ET	18	3,5	18	1000
10	KB10-12ET	12	4,5	12	500
10	KB10-18ET	18	4,5	18	500
16	KB16-12ET	12	5,8	12	250
16	KB16-18ET	18	5,8	18	250
25	KB25-18ET	18	7,3	18	100
25	KB25-25ET	25	7,3	25	100
35	KB35-18ET	18	8,3	18	100
35	KB35-25ET	25	8,3	25	100

s = strip length

*Does not conform to DIN46228 part 1

Cross section areas > 35 mm² upon request.