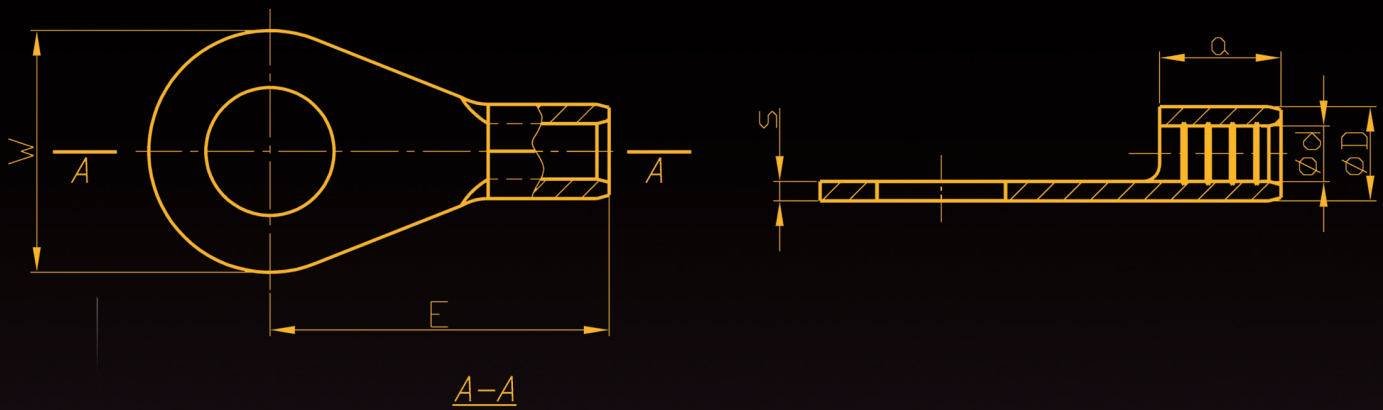




Cable terminals - uninsulated

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Ring terminals, KO type

FEATURES & BENEFITS



ring terminal Cu, as per DIN - low-cost and popular solution



description of cable cross-section and terminal size on fin surface

MECHANICAL DATA

Material Cu

Covering tin-plated

CERTIFICATES & STANDARDS

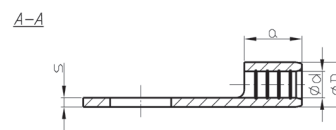
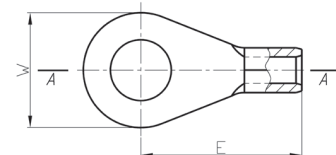
UL certificate E475284

Certifications IEN tyko 0,5 - 95 mm²

Design DIN 46234

NOTE!

UL certificate - for up-to-date information, visit www.ergom.com



Type	Cross-section [mm²]	Screw hole	DIN	UL	d	D	s	a	E	W	Quantity in package [pcs]	Weight [kg]						
KO 0,5/2	0,1÷0,5	M 2	√	–	1,0	2,0	0,5	4	10	5	100 / 25	0,02 / 0,01						
KO 0,5/2,5		M 2,5																
KO 0,5/3		M 3							12	6,5 8		0,03 / 0,01						
KO 0,5/4		M 4																
KO 0,5/5		M 5																
KO 1/2,5	0,75÷1	M 2,5	√	√	1,6	3,2	0,8	5	11	6	100 / 25	0,06 / 0,02						
KO 1/3		M 3																
KO 1/3,5		M 3,5							12	8		0,07 / 0,02						
KO 1/4		M 4																
KO 1/5		M 5							13	10		0,08 / 0,02						
KO 1/6		M 6																
KO 1/8		M 8	17					14		0,12 / 0,03								
KO 1/10		M 10										0,1 / 0,03						
KO 2,5/3		1,5÷2,5	M 3					√	√	2,3			3,9	0,8	5	11	6	100 / 25
KO 2,5/3,5			M 3,5															
KO 2,5/4	M 4		12	8		0,08 / 0,02												
KO 2,5/5	M 5																	
KO 2,5/6	M 6		16	11		0,11 / 0,03												
KO 2,5/8	M 8						17	14			0,13 / 0,04							
KO 2,5/10	M 10		18	18		0,17 / 0,05												
KO 2,5/12	M 12						0,14 / 0,05											
KO 2,5/16	M 16		–	–	4,8	26		27			0,3 / 0,08							
KO 6/3,5	4÷6		M 3,5	–	√	3,6	5,6	1,0			6	14			8	100 / 25	0,14 / 0,04	
KO 6/4		M 4																
KO 6/5		M 5	√	15					10			0,16 / 0,04						
KO 6/6		M 6											16	11			0,17 / 0,05	
KO 6/8		M 8	19	14					0,21 / 0,06									
KO 6/10		M 10								0,27 / 0,07								
KO 6/12		M 12	–	21					18			0,23 / 0,06						

Type	Cross-section [mm²]	Screw hole	DIN	UL	d	D	s	a	E	W	Quantity in package [pcs]	Weight [kg]		
KO 10/4	10	M 4	—	—	4,5	6,7	1,1	8	16	10	100 / 10	0,24 / 0,03		
KO 10/5		M 5	√	√					17	11		0,23 / 0,03		
KO 10/6		M 6							20	14		0,28 / 0,03		
KO 10/8		M 8							21	18		0,34 / 0,04		
KO 10/10		M 10							23	22		0,42 / 0,05		
KO 10/12		M 12				—			7,0	—		—	—	
KO 16/5	16	M 5	√	√	5,8	8,2	1,2	10	20	11	100 / 10	0,38 / 0,04		
KO 16/6		M 6							22	14		0,36 / 0,04		
KO 16/8		M 8							24	18		0,42 / 0,05		
KO 16/10		M 10							26	22		0,5 / 0,05		
KO 16/12		M 12							—	—		—	—	—
KO 25/5		25							M 5	√		√	7,5	10,5
KO 25/6	M 6		16	16	0,7 / 0,08									
KO 25/8	M 8		26	18	0,77 / 0,08									
KO 25/10	M 10		31	22	0,8 / 0,08									
KO 25/12	M 12		35	28	0,98 / 0,1									
KO 25/16	M 16		—	—	—	—	—							
KO 35/6	35	M 6	√	√	9,0	12,2	1,6	12	26	15	100 / 10	1 / 0,1		
KO 35/8		M 8							16	16		0,97 / 0,1		
KO 35/10		M 10							27	18		0,98 / 0,1		
KO 35/12		M 12							31	22		1,2 / 0,1		
KO 35/16		M 16							36	28		1,4 / 0,2		
KO 50/6		50							M 6	√		√	11,0	14,6
KO 50/8	M 8		36	22	1,75 / 0,2									
KO 50/10	M 10		40	28	1,63 / 0,2									
KO 50/12	M 12		—	—	—	—	—							
KO 50/16	M 16		—	—	—	—	—							
KO 70/6	70		M 6	√	√	13,0	17,0	2,0	18		38			
KO 70/8		M 8	42							28	2,6 / 0,3			
KO 70/10		M 10	—							—	—	—	—	
KO 70/12		M 12	—							—	—	—	—	
KO 70/16		M 16	—							—	—	—	—	
KO 95/8		95	M 8							√	√	15,0	20,0	2,5
KO 95/10	M 10		44	28	3,8 / 0,4									
KO 95/12	M 12		—	—	—	—	—							
KO 95/16	M 16		—	—	—	—	—							
KO 120/8	120	M 8	√	—	16,5	22,5	3,0	22	44	24	50 / 10	2,85 / 0,3		
KO 120/10		M 10							48	28		2,8 / 0,3		
KO 120/12		M 12							—	—		—	—	—
KO 120/16		M 16							—	—		—	—	—
KO 150/10	150	M 10	√	—	19,0	25,4	3,2	24	50	30	50 / 10	3,8 / 0,4		
KO 150/12		M 12							—	—		—	—	—
KO 150/16		M 16							—	—		—	—	—
KO 185/10	185	M 10	√	—	21,0	28,0	3,5	28	50	36	25 / 10	2,53 / 0,3		
KO 185/12		M 12							—	—		—	—	—
KO 185/16		M 16							—	—		—	—	—
KO 240/10	240	M 10	√	—	23,5	31,5	4	32	56	38	25 / 10	3,7 / 0,4		
KO 240/12		M 12							—	—		—	—	—
KO 240/16		M 16							—	—		—	—	—
KO 300/10	300	M 10	—	—	28	37	4,5	35,5	69	50	10 / 1	5,2 / 0,52		
KO 300/12		M 12							—	—		—	—	—
KO 300/16		M 16							—	—		—	—	—

Angle ring terminals K90O type

FEATURES & BENEFITS



ring terminal, Cu, as per DIN, however the connection fin is bended at 90 degrees relative to the terminal part crimped on the wire



description of cable cross-section and terminal size on fin surface

LOGISTIC DATA

Quantity in package [pcs] 100

MECHANICAL DATA

Material Cu

Covering tin-plated

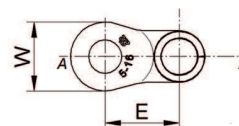
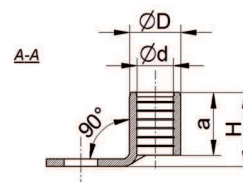
CERTIFICATES & STANDARDS

Design DIN 46234 - before fin bending

NOTE!

Use tools as for KO terminals.

Bending can be made at different angle.



Type	Cross-section [mm²]	Screw hole	DIN	d	D	s	W	Weight [kg]												
K90O 1/2,5	0,75÷1,0	M2,5	√	1,6	3,2	0,8	6	0,06												
K90O 1/3		M3																		
K90O 1/3,5		M3,5																		
K90O 1/4		M4																		
K90O 1/5		M5	–				10	0,08												
K90O 1/6		M6							14	0,07										
K90O 1/8		M8									0,12									
K90O 1/10		M10										0,1								
K90O 2,5/3	M3	2,3	3,9	0,8	6	0,06														
K90O 2,5/3,5	M3,5																			
K90O 2,5/4	M4						√	10	0,08											
K90O 2,5/5	M5									11	0,09									
K90O 2,5/6	M6				14	0,11														
K90O 2,5/8	M8											18	0,13							
K90O 2,5/10	M10						–	18	0,17											
K90O 2,5/12	M12									0,14										
K90O 6/3,5	M3,5	4,0÷6,0	3,6	5,6	1,0	8					0,14									
K90O 6/4	M4											√	10	0,16						
K90O 6/5	M5						11	0,17												
K90O 6/6	M6								14	0,21										
K90O 6/8	M8					18					0,27									
K90O 6/10	M10											10	0,24							
K90O 10/4	M4						10	4,5						6,7	1,1	11	0,23			
K90O 10/5	M5								√	14								0,28		
K90O 10/6	M6	18	0,34																	
K90O 10/8	M8			11	0,38															
K90O 10/10	M10					√					5,8	8,2	1,2			14	0,42			
K90O 16/5	M5								16	18								0,5		
K90O 16/6	M6	√	7,5																10,5	1,5
K90O 16/8	M8			25	M6															
K90O 16/10	M10					18	0,8													
K90O 25/5	M5							√	7,5	10,5	1,5	18	0,8							
K90O 25/6	M6	25	M8											√	7,5	10,5	1,5	18	0,8	
K90O 25/8	M8			18	0,8															
K90O 25/10	M10					18	0,8													

Type	Cross-section [mm²]	Screw hole	DIN	d	D	s	W	Weight [kg]
K900 35/6	35	M6	√	9,0	12,2	1,6	15	1
K900 35/8		M8					16	0,97
K900 35/10		M10					18	0,98
K900 50/6	50	M6	√	11,0	14,6	1,8	18	1,65
K900 50/8		M8						1,75
K900 50/10		M10						1,63

Angle ring terminals K450 type

FEATURES & BENEFITS



ring terminal, Cu, as per DIN, however the connection fin is bended at 45 degrees relative to the terminal part crimped on the wire



description of cable cross-section and terminal size on fin surface

LOGISTIC DATA

Quantity in package [pcs] 100

MECHANICAL DATA

Material Cu

Covering tin-plated

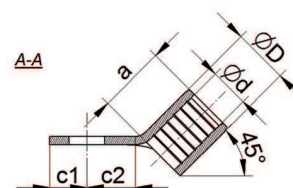
CERTIFICATES & STANDARDS

Design DIN 46234 - before fin bending

NOTE!

Use tools as for KO terminals.

Bending can be made at different angle.



Type	Cross-section [mm²]	Screw hole	DIN	d	D	s	a	W	Weight [kg]				
K45O 1/2,5	0,75÷1,0	M2,5	√	1,6	3,2	0,8	5	6	0,06				
K45O 1/3		M3						8	0,07				
K45O 1/3,5		M3,5							0,08				
K45O 1/4		M4						10	0,07				
K45O 1/5		M5	-					14	0,12				
K45O 1/6		M6							0,1				
K45O 1/8		M8											
K45O 1/10		M10											
K45O 2,5/3	1,5÷2,5	M3	√	2,3	3,9	0,8	5	6	0,06				
K45O 2,5/3,5		M3,5						8	0,08				
K45O 2,5/4		M4							0,09				
K45O 2,5/5		M5						10	0,11				
K45O 2,5/6		M6	-					14	0,13				
K45O 2,5/8		M8							0,17				
K45O 2,5/10		M10							18	0,14			
K45O 2,5/12		M12											
K45O 6/3,5	4,0÷6,0	M3,5	√	3,6	5,6	1,0	6	8	0,14				
K45O 6/4		M4						10	0,16				
K45O 6/5		M5							0,17				
K45O 6/6		M6						14	0,21				
K45O 6/8		M8							0,27				
K45O 6/10		M10						-					18
K45O 10/4	10	M4	-	4,5	6,7	1,1	8	10	0,23				
K45O 10/5		M5						√					11
K45O 10/6		M6	0,34										
K45O 10/8		M8	14										0,38
K45O 10/10		M10											0,36
K45O 16/5	16	M5	√	5,8	8,2	1,2	10	11	0,42				
K45O 16/6		M6						14	0,5				
K45O 16/8		M8							0,72				
K45O 16/10		M10						16	0,7				
K45O 25/5	25	M5	√	7,5	10,5	1,5	11	12	0,77				
K45O 25/6		M6						16	0,8				
K45O 25/8		M8											
K45O 25/10		M10						18					

Type	Cross-section [mm²]	Screw hole	DIN	d	D	s	a	W	Weight [kg]
K45O 35/6	35	M6	√	9,0	12,2	1,6	12	15	1
K45O 35/8		M8						16	0,97
K45O 35/10		M10						18	0,98
K45O 50/6	50	M6	√	11,0	14,6	1,8	16	18	1,65
K45O 50/8		M8							1,75
K45O 50/10		M10							1,63

FEATURES & BENEFITS



spade terminal Cu, as per DIN - low-cost and popular solution



description of cable cross-section and terminal size on fin surface

MECHANICAL DATA

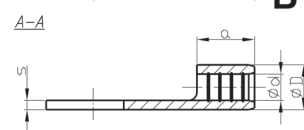
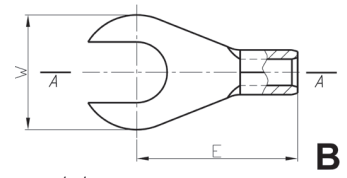
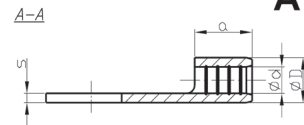
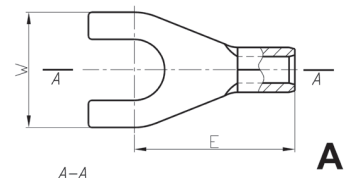
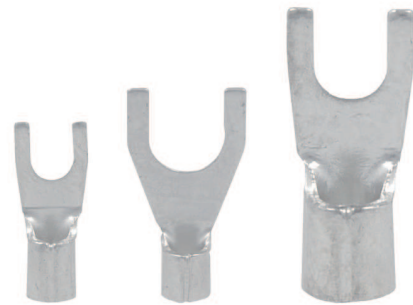
Material	Cu
Covering	tin-plated

CERTIFICATES & STANDARDS

UL certificate	E475284
Design	DIN 46234 – concerns only the tubular part

NOTE!

UL certificate - for up-to-date information, visit www.ergom.com



Type	Cross-section [mm²]	Screw hole	Design	DIN	UL	d	D	s	a	E	W	Quantity in package [pcs]	Weight [kg]
KW 0,5/2	0,1÷0,5	M 2	A	√	-	1,0	2,0	0,5	4	8,0	5,0	100	0,02
KW 0,5/3		M 3									6,0		
KW 0,5/3,5		M 3,5									6,5		
KW 0,5/4		M 4									8,0		
KW 0,5/5	0,75÷1	M 5	A	√		1,6	3,2	0,8	5	11,0	8,0	100	0,04
KW 1/2,5		M 2,5									6,0		
KW 1/3		M 3									8,0		
KW 1/3,5		M 3,5									6,9		
KW 1/4	0,75÷1	M 4	A	√		1,6	3,2	0,8	5	12,0	8,0	100	0,07
KW 1/4 W		M 4									6,9		
KW 1/5		M 5								13,0	10,0		
KW 1/6		M 6											
KW 1/8	0,75÷1	M 8	B	√	√	1,6	3,2	0,8	5	14,2	14,0	100	0,1
KW 1/10		M 10								17,3			0,14
KW 2,5/3	1,5÷2,5	M 3	A	√		2,3	3,9	0,8	5	11,0	6,0	100	0,06
KW 2,5/3,5		M 3,5									8,0		
KW 2,5/4		M 4								12,0	6,9		
KW 2,5/4 W		M 4											
KW 2,5/5	1,5÷2,5	M 5	A	√		2,3	3,9	0,8	5	14,0	10,0	100	0,09
KW 2,5/6		M 6								16,0	11,0		
KW 2,5/8		M 8								14,2	14,0		
KW 2,5/10		M 10								17,3	17,5		
KW 2,5/12	1,5÷2,5	M 12	B	-	√	2,3	3,9	0,8	5	19,7	20,0	100	0,11

Type	Cross-section [mm²]	Screw hole	Design	DIN	UL	d	D	s	a	E	W	Quantity in package [pcs]	Weight [kg]
KW 6/3,5	4÷6	M 3,5	A	—	√	3,6	5,6	1,0	6	14,0	8,0	100	0,14
KW 6/4		M 4		15,0						10,0	0,16		
KW 6/5		M 5		16,0						11,0	0,2		
KW 6/6		M 6		19,0						14,0	0,23		
KW 6/8		M 8		21,0						18,0	0,22 / 0,03		
KW 6/10	4÷6	M 10	B	√	√	3,6	5,6	1,0	6	21,0	18,0	100	0,23
KW 10/5	10	M 5				4,5	6,7	1,1	8	16,0	10,0	0,26 / 0,03	
KW 10/6		M 6				17,0	11,0	0,31 / 0,04					
KW 10/8		M 8				20,0	14,0	0,37 / 0,04					
KW 10/10		M 10				21,0	18,0	0,35 / 0,04					
KW 16/5	16	M 5				5,8	8,2	1,2	10	20,0	11,0	0,46 / 0,05	
KW 16/6		M 6								22,0	14,0		
KW 16/8		M 8								24,0	18,0		
KW 16/10		M 10											

Pin terminals, KI type

FEATURES & BENEFITS



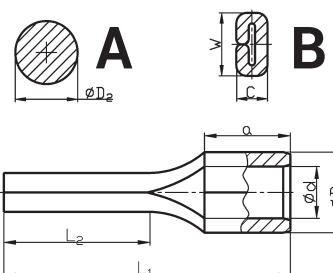
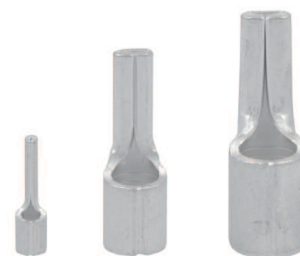
pin terminal Cu, as per DIN - low-cost and popular solution

MECHANICAL DATA

Material	Cu
Covering	tin-plated

CERTIFICATES & STANDARDS

Design	DIN 46230 – concerns only the tubular part
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Type	Cross-section [mm²]	Design	DIN	d	D ₁	D ₂	L ₁	L ₂	a	C	W	Quantity in package [pcs]	Weight [kg]
KI 0,5-10	0,2÷0,5	A	√	1	2,2	1,4	14	10	4	—	—	100	0,02
KI 1-10	0,5÷1	A	√	1,6	3,4	1,9	14,8	10	4,8	—	—	100	0,05
KI 1-12							16,8	12					0,06
KI 1-16							20,8	16					
KI 2,5-10	1,5÷2,5	A	√	2,3	4,1	1,9	14,8	10	4,8	—	—	100	0,06
KI 2,5-12							16,8	12					0,07
KI 2,5-16							21	16					
KI 6-14	4÷6	A	√	3,6	5,6	2,7	20	14	6	—	—	100	0,13
KI 10-12	10	B	√	4,5	6,9	—	22	12	8	2,4	4,3	100 / 10	0,25 / 0,03
KI 16-13	16	B	√	5,8	8,4	—	26	13	10	2,6	5,5	100 / 10	0,43 / 0,05
KI 25-15	25	B	—	7	9,5	—	33,5	15	13,5	2,6	6,8	100 / 10	0,67 / 0,07
KI 35-20	35	B	—	8,4	11,8	—	40,5	20	16	3,2	8	50 / 10	0,77 / 0,16
KI 50-20	50	B	—	9,6	13,6	—	45	20	19	3,8	9,5	50 / 10	0,95 / 0,19
KI 70-23,5	70	B	—	11,4	15,8	—	55	23,5	24	4,2	11	50 / 10	1,5 / 0,3
KI 95-23,5	95	B	—	13,5	18,9	—	55	23,5	24	5,2	12,5	50 / 10	2,16 / 0,44

Flag terminals KOF type

FEATURES & BENEFITS



terminal with connection fin perpendicular to the terminal part crimped on the wire cores



solution for special applications

LOGISTIC DATA

Quantity in package [pcs] 100

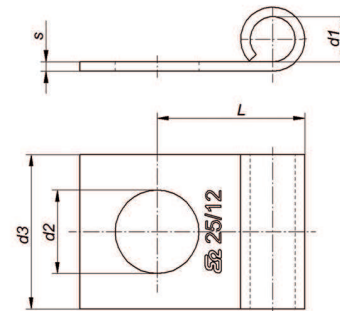
MECHANICAL DATA

Material Cu
Covering tin-plated
DIN -

NOTE!

We ensure the selection of the right tool.

Other designs on request.



Type	Cross-section [mm ²]	Screw hole	d ₁	d ₂	d ₃	L	s	Weight [kg]
KOF 10/5	10	M5	5,0	5,3	10,5	20	1,2	1,95
KOF 10/6		M6		6,5		17		1,98
KOF 10/8		M8		8,4	17,0			2,05
KOF 16/6	16	M6	5,5	6,5	16,0	19	1,2	2,25
KOF 16/8		M8		8,4				2,2
KOF 16/10		M10		10,5	21,0	20		2,15
KOF 16/12		M12		13,0				3,7
KOF 25/6	25	M6	7,0	6,5	18,0	21	1,5	2,45
KOF 25/8		M8		8,4		23		2,4
KOF 25/10		M10		10,5	24,0			2,32
KOF 35/8	35	M8	8,5	8,4	20,0	23	1,7	2,65
KOF 35/10		M10		10,5		26		2,6
KOF 35/12		M12		13,0				2,55
KOF 50/8	50	M8	10,0	8,4	23,0	30	2,0	3,65
KOF 50/10		M10		10,5		28		2,82
KOF 50/12		M12		13,0				2,85
KOF 70/8	70	M8	12,0	8,4	26,0	32	2,5	3,22
KOF 70/10		M10		10,5		33		3,28
KOF 70/12		M12		13,0				3,31
KOF 95/12	95	M12	13,5	13,0	27,0	36	2,5	3,78
KOF 120/12	120	M12	15,0	13,0	27,0	40	3,0	4,05
KOF 150/12	150	M12	17,0	13,0	30,0	40	3,2	4,25
KOF 150/16		M16		17,0				4,3



Variant on request

“Butt splice” compression connectors , KL type

FEATURES & BENEFITS



connector Cu, with galvanic tin plating, to make “butt splice” cable connections



central stamping guarantees correct length of conductor insertion

LOGISTIC DATA

Quantity in package [pcs] 100 / 25

MECHANICAL DATA

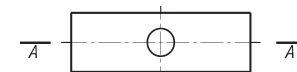
Material Cu
Covering tin-plated

CRIMPING SHAPE

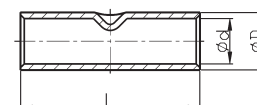
Number of crimping - narrow 1-1

CERTIFICATES & STANDARDS

Design standard



A-A



Type	Cross-section [mm ²]	L	d	D	Weight [kg]
KL 0,75-12	0,5÷0,75	12	1,3	2,8	0,07 / 0,02
KL 1,5-15	1÷1,5	15	1,8	3,3	0,08 / 0,02
KL 1,5-20		20			0,11 / 0,03
KL 2,5-15	2,5	15	2,3	4,2	0,11 / 0,03
KL 2,5-20		20			0,18 / 0,05
KL 4-15	4	15	3	5	0,17 / 0,05
KL 4-20		20			0,23 / 0,06
KL 6-20	6	20	4	6	0,28 / 0,08
KL 6-25		25			0,3 / 0,1

“Butt splice” connectors, ZM type

FEATURES & BENEFITS



connector, Cu, without galvanic tin plating, to make “butt splice” cable connections



central stamping enables correct length of conductor insertion

LOGISTIC DATA

Quantity in package [pcs] 100

MECHANICAL DATA

Material Cu

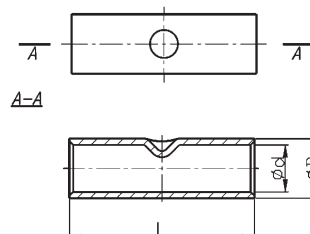
Covering uncoated

CRIMPING SHAPE

Number of crimping - narrow 1-1

CERTIFICATES & STANDARDS

Design standard



Type	Cross-section [mm ²]	L	d	D	Weight [kg]
ZM 0,75-12	0,5÷0,75	12	1,3	2,8	0,07
ZM 1,5-15	1÷1,5	15	1,8	3,3	0,08
ZM 1,5-20		20			0,11
ZM 2,5-15	2,5	15	2,3	4,2	0,11
ZM 2,5-20		20			0,18
ZM 4-15	4	15	3	5	0,17
ZM 4-20		20			0,23
ZM 6-20	6	20	4	6	0,28
ZM 6-25		25			0,3

Low-cost “butt splice” connectors, LE type

FEATURES & BENEFITS

- ☒ connector, Cu, with galvanic tin plating, to make “butt splice” cable connections
- ☒ central stamping enables correct length of conductor insertion
- ☒ low-cost solution

LOGISTIC DATA

Quantity in package [pcs]	100
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MECHANICAL DATA

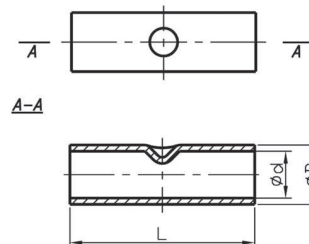
Material	Cu
Covering	tin-plated

CRIMPING SHAPE

Number of crimping - narrow	1-1
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CERTIFICATES & STANDARDS

Design	economical
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Type	Cross-section [mm²]	L	d	D	Number of crimping - wide	Weight [kg]
LE 1-20	1	20	1,7	3,3	-	0,09
LE 0,5-12	0,1÷0,5	12	1,2	2	-	0,07
LE 1-15	1	15	1,7	3,3	-	0,08
LE 2,5-15	1,5÷2,5	15	2,4	4	-	0,1
LE 2,5-20		20				0,14
LE 6-20	4÷6	20	3,6	5,5	1-1	0,18
LE 6-25		25				0,27

“Parallel compression” connectors, KLZ

FEATURES & BENEFITS

- ☒ connector Cu, with galvanic tin plating, to make “parallel compression” cable connections

LOGISTIC DATA

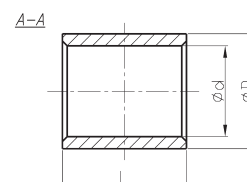
Quantity in package [pcs]	100
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MECHANICAL DATA

Material	Cu
Covering	tin-plated

CRIMPING SHAPE

Number of crimping - narrow	1-1
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Type	Cross-section [mm²]	L	d	D	Weight [kg]
KLZ 1	0,5÷1	8	1,6	3,2	0,05
KLZ 2,5	1÷2,5	8	2,3	3,9	0,06
KLZ 6	4÷6	9	3,6	5,6	0,11
KLZ 10	10	10	4,5	6,7	0,15