

# Aluminium-copper connectors, LMAN type

## FEATURES & BENEFITS

- tight connector Cu-Al, crimped part as per DIN
- description of cable cross-section, terminal size and crimping die number on crimped part surface
- wide range of solutions facilitating connection of cables of various diameters

## LOGISTIC DATA

Quantity in package [pcs] 10

## MECHANICAL DATA

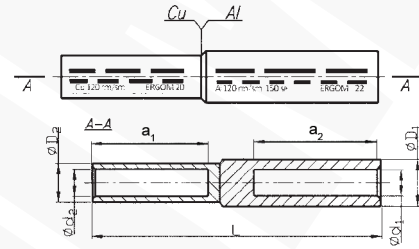
Material Al-Cu  
Covering uncoated

## CERTIFICATES & STANDARDS

Design DIN 46235 – concerns only the tubular part (Cu)  
DIN 46329 – concerns only the tubular part (Al)

## NOTE!

- terminals are filled with special contact grease in Al section, packed in a separate foil bag;
- sector-shaped conductors must be rounded with special dies.



Type	Index Ergom	Cross-section, Al mm <sup>2</sup>	Cross-section, Al re/se [mm <sup>2</sup> ]	Cross-section, Cu mm <sup>2</sup>	L	d <sub>1</sub>	D <sub>1</sub>	d <sub>2</sub>	D <sub>2</sub>	a <sub>1</sub>	a <sub>2</sub>	Socket code no., Al	Lz/s Al	Lz/w Al	Socket code no., Cu	Lz/s Cu	Lz/w Cu	Weight [kg]						
LMAN 25/10 (10 PCS)	E13KC-01030100100	25	35	10	60	6,8	12,0	4,5	5,9	19					6	-		0,16						
LMAN 25/16 (10 PCS)	E13KC-01030100200			16				5,6	8,4						8	0,21								
LMAN 25/25 (10 PCS)	E13KC-01030100300			25				65	7,0						9,9	24		12	2	4	10	1	2	0,22
LMAN 25/35 (10 PCS)	E13KC-01030100400			35				8,2	12,4						12	0,36								
LMAN 35/16 (10 PCS)	E13KC-01030100500	35	50	16	77	8,0	14,0	5,6	8,4	24	43	14	3	5	8			0,3						
LMAN 35/25 (10 PCS)	E13KC-01030100600			25				7,0	9,9						10			1	2	0,32				
LMAN 35/35 (10 PCS)	E13KC-01030100700			35				8,2	12,4						12			0,97						
LMAN 35/50 (10 PCS)	E13KC-01030100800			50				86	10,0						14,3			35	14	2	3	14	2	3

Type	Index Ergom	Cross-section, Al mm <sup>2</sup> /m	Cross-section, Al re/se [mm <sup>2</sup> ]	Cross-section, Cu mm <sup>2</sup> /m	L	d <sub>1</sub>	D <sub>1</sub>	d <sub>2</sub>	D <sub>2</sub>	a <sub>1</sub>	a <sub>2</sub>	Socket code no., Al	Lz/s Al	Lz/w Al	Socket code no., Cu	Lz/s Cu	Lz/w Cu	Weight [kg]
LMAN 50/16 (10 PCS)	E13KC-01030101000	50	70	16	77	9,8	16,0	5,6	8,14	24	43	16	3	5	8	1	2	0,37
LMAN 50/25 (10 PCS)	E13KC-01030101100			25				7,0	9,9						10			0,39
LMAN 50/35 (10 PCS)	E13KC-01030101200			35				8,2	12,4						12			0,45
LMAN 50/50 (10 PCS)	E13KC-01030101300			50				10,0	14,3						14			0,54
LMAN 70/16 (10 PCS)	E13KC-01030101400	70	95	16	96	11,2	18,5	5,6	8,4	53	33	18	3	6	8	1	2	0,53
LMAN 70/25 (10 PCS)	E13KC-01030101500			25				7,0	9,9						10			0,54
LMAN 70/35 (10 PCS)	E13KC-01030101600			35				8,2	12,4						12			0,6
LMAN 70/50 (10 PCS)	E13KC-01030101700			50				10,0	14,3						14			0,7
LMAN 70/70 (10 PCS)	E13KC-01030101800			70				11,5	16,3						16			0,75
LMAN 70/95 (10 PCS)	E13KC-01030101900			95				13,5	18,8						18			1,1
LMAN 70/120 (10 PCS)	E13KC-01030102000	120	15,5	20,8	20	1,2												
LMAN 95/16 (10 PCS)	E13KC-01030102100	95	120	16	102	13,2	22,0	5,6	8,4	57	33	22	3	6	8	1	2	0,78
LMAN 95/25 (10 PCS)	E13KC-01030102200			25				7,0	9,9						10			0,8
LMAN 95/35 (10 PCS)	E13KC-01030102300			35				8,2	12,4						12			0,86
LMAN 95/50 (10 PCS)	E13KC-01030102400			50				10,0	14,3						14			0,96
LMAN 95/70 (10 PCS)	E13KC-01030102500			70				11,5	16,3						16			1,02
LMAN 95/95 (10 PCS)	E13KC-01030102600			95				13,5	18,8						18			1,17
LMAN 95/120 (10 PCS)	E13KC-01030102700	120	15,5	20,8	20	1,26												
LMAN 120/16 (10 PCS)	E13KC-01030102800	120	150	16	102	14,7	23,0	5,6	8,4	57	33	22	3	6	8	1	2	0,83
LMAN 120/25 (10 PCS)	E13KC-01030102900			25				7,0	9,9						10			0,84
LMAN 120/35 (10 PCS)	E13KC-01030103000			35				8,2	12,4						12			0,9
LMAN 120/50 (10 PCS)	E13KC-01030103100			50				10,0	14,3						14			1
LMAN 120/70 (10 PCS)	E13KC-01030103200			70				11,5	16,3						16			1,1
LMAN 120/95 (10 PCS)	E13KC-01030103300			95				13,5	18,8						18			1,22
LMAN 120/120 (10 PCS)	E13KC-01030103400	120	15,5	20,8	20	1,26												
LMAN 150/16 (10 PCS)	E13KC-01030103500	150	185	16	106	16,3	25,0	5,6	8,3	61	33	25	3	6	8	1	2	1,03
LMAN 150/25 (10 PCS)	E13KC-01030103600			25				7,0	9,9						10			1,05
LMAN 150/35 (10 PCS)	E13KC-01030103700			35				8,2	12,4						12			1,11
LMAN 150/50 (10 PCS)	E13KC-01030103800			50				10,0	14,3						14			1,21
LMAN 150/70 (10 PCS)	E13KC-01030103900			70				11,5	16,3						16			1,26
LMAN 150/95 (10 PCS)	E13KC-01030104000			95				13,5	18,8						18			1,43
LMAN 150/120 (10 PCS)	E13KC-01030104100	120	15,5	20,8	20	1,48												
LMAN 150/150 (10 PCS)	E13KC-01030104200	150	17,0	23,3	22	1,63												
LMAN 185/50 (10 PCS)	E13KC-01030104300	185	240	50	109	18,3	28,5	10,0	14,3	61	39	28	3	6	14	2	4	1,58
LMAN 185/70 (10 PCS)	E13KC-01030104400			70				11,5	16,3						16			1,64
LMAN 185/95 (10 PCS)	E13KC-01030104500			95				13,5	18,8						18			1,8
LMAN 185/120 (10 PCS)	E13KC-01030104600			120				15,5	20,8						20			1,85
LMAN 185/150 (10 PCS)	E13KC-01030104700			150				17,0	23,3						22			2,02
LMAN 185/185 (10 PCS)	E13KC-01030104800			185				19,0	25,3						25			2,17
LMAN 240/50 (10 PCS)	E13KC-01030104900	240	300	50	121	21,0	32,0	10,0	14,3	71	39	32	3	8	14	2	4	2,06
LMAN 240/70 (10 PCS)	E13KC-01030105000			70				11,5	16,3						16			2,12
LMAN 240/95 (10 PCS)	E13KC-01030105100			95				13,5	18,8						18			2,28
LMAN 240/120 (10 PCS)	E13KC-01030105200			120				15,5	20,8						20			2,34
LMAN 240/150 (10 PCS)	E13KC-01030105300			150				17,0	23,3						22			2,5
LMAN 240/185 (10 PCS)	E13KC-01030105400			185				19,0	25,3						25			2,65
LMAN 240/240 (10 PCS)	E13KC-01030105500	240	21,5	28,7	28	2,91												

Type	Index Ergom	Cross-section, Al mm <sup>2</sup> /m	Cross-section, Al re/se [mm <sup>2</sup> ]	Cross-section, Cu mm <sup>2</sup> /m	L	d <sub>1</sub>	D <sub>1</sub>	d <sub>2</sub>	D <sub>2</sub>	a <sub>1</sub>	a <sub>2</sub>	Socket code no., Al	Lz/s Al	Lz/w Al	Socket code no., Cu	Lz/s Cu	Lz/w Cu	Weight [kg]
LMAN 300/120 (10 PCS)	E13KC-01030105600	300	-	120	150	23,3	34,0	15,5	20,8			34	3	8	20	2	4	2,78
LMAN 300/185 (10 PCS)	E13KC-01030105800			185				19,0	25,3						25		5	3,27
LMAN 300/300 (10 PCS)	E13KC-01030106000			300				24,5	32,0						-		4,17	

Lz/s Al - Number of crimping - wide Al Lz/w Al - Number of crimping - narrow Al Lz/s Cu - Number of crimping - wide Cu Lz/w Cu - Number of crimping - narrow Cu