

Aluminium-copper tubular cable connectors, LMAN type

FEATURES & BENEFITS

-  connector Al-Cu, longitudinally sealed, crimped part as per DIN
-  description of cable cross-section, connector size and crimping die number on crimped part surface
-  wide range of solutions facilitating connection of cables of various diameters, not mechanically loaded
-  for voltage below 1 kV acc. to EN IEC 61238-1-1:2019
for the voltage range 1-36 kV acc. to EN IEC 61238-1-3:2019

LOGISTIC DATA

Quantity in package [pcs] 1

MECHANICAL DATA

Material Al-Cu
Surface uncoated

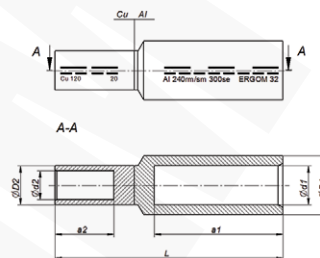
CERTIFICATES & STANDARDS

Standards EN IEC 61238-1-1:2019
EN IEC 61238-1-3:2019
- mechanical strength Class 1
- short-circuit resistance Class A
for range of rated cross-section 25 - 240 mm² Al and 10 - 240 mm² Cu

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

NOTE!

- cable lugs are filled with special contact grease in tubular part ended with a plastic plug;
- sector-shaped conductors must be rounded with special dies.



Type	Index Ergom	Cross-section, Al rm/sm [mm²]	Cross-section, Al re/se [mm²]	Cross-section, Cu rm/sm [mm²]	L	d ₁	D ₁	d ₂	D ₂	a ₁	a ₂	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	E13KC-01030100102	25	35	10	57	6,8	12,0	4,5	6,0	14	20	12	2	4	6	-	2	0,16	
LMAN 25/16	E13KC-01030100202			16	63			5,5	8,5	30					8	1		0,21	
LMAN 25/25	E13KC-01030100302			25	63			7,0	10,0	20					10				0,22
LMAN 25/35	E13KC-01030100402			35	65			8,2	12,4	31					12				
LMAN 35/16	E13KC-01030100502	35	50	16	75	8,0	14,0	5,5	8,5	20	14	3	5	8	1	2	0,3		
LMAN 35/25	E13KC-01030100602			25				75	7,0					10,0			42	10	0,32
LMAN 35/35	E13KC-01030100702			35				75	8,2					12,5			20	12	
LMAN 35/50	E13KC-01030100802			50				86	10,0					14,3				43	14
LMAN 50/16	E13KC-01030101002	50	70	16	75	9,8	16,0	5,5	8,5	20	16	3	5	8	1	2	0,37		
LMAN 50/25	E13KC-01030101102			25				75	7,0					10,0			42	10	0,39
LMAN 50/35	E13KC-01030101202			35				75	8,2					12,5			20	12	
LMAN 50/50	E13KC-01030101302			50				83	10,0					14,5				28	14
LMAN 70/16	E13KC-01030101402	70	95	16	87	11,2	18,5	5,6	8,4	53	24	18	3	6	8	1	2	0,53	
LMAN 70/25	E13KC-01030101502			25				87	7,0	9,9	20				10			0,54	
LMAN 70/35	E13KC-01030101602			35				85	8,2	12,5					20				12
LMAN 70/50	E13KC-01030101702			50				93	10,0	14,5	52				28	14	2	3	0,7
LMAN 70/70	E13KC-01030101802			70				93	11,5	16,5	16					0,75			
LMAN 70/95	E13KC-01030101902			95				102	13,5	18,8	18								1,1
LMAN 70/120	E13KC-01030102002			120	102			15,5	20,8	53	39					20		4	

Type	Index Ergom	Cross-section, Al rm/sm [mm²]	Cross-section, Al re/se [mm²]	Cross-section, Cu rm/sm [mm²]	L	d ₁	D ₁	d ₂	D ₂	a ₁	a ₂	Socket code no., Al	Lz/s Al	Lz/w Al	Socket code no., Cu	Lz/s Cu	Lz/w Cu	Weight [kg]
LMAN 95/16	E13KC-01030102102	95	120	16	89	13,2	22,0	5,5	8,5	20	22	3	6	8	1	2	0,78	
LMAN 95/25	E13KC-01030102202			25				7,0	10,0					10			0,8	
LMAN 95/35	E13KC-01030102302			35				8,2	12,5					12			0,86	
LMAN 95/50	E13KC-01030102402			50	97			10,0	14,5	56				28	14	2	3	0,96
LMAN 95/70	E13KC-01030102502			70				11,5	16,5						16			1,02
LMAN 95/95	E13KC-01030102602			95	104			13,5	19,0	35				18	4		1,17	
LMAN 95/120	E13KC-01030102702			120				15,5	21,0					20			1,26	
LMAN 120/16	E13KC-01030102802	120	150	16	93	14,7	23,0	5,6	8,4	57	22	3	6	8	2	2	0,83	
LMAN 120/25	E13KC-01030102902			25				7,0	9,9					10			0,84	
LMAN 120/35	E13KC-01030103002			35				8,2	12,5					12			0,9	
LMAN 120/50	E13KC-01030103102			50	97			10,0	14,5	28				14	3	3	1	
LMAN 120/70	E13KC-01030103202			70				11,5	16,5								16	1,1
LMAN 120/95	E13KC-01030103302			95	104			13,5	19,0	35				18		4	1,22	
LMAN 120/120	E13KC-01030103402			120				15,5	21,0					20			1,26	
LMAN 150/16	E13KC-01030103502	150	185	16	97	16,3	25,0	5,6	8,3	61	25	3	6	8	1	2	1,03	
LMAN 150/25	E13KC-01030103602			25				7,0	9,9					10			1,05	
LMAN 150/35	E13KC-01030103702			35				8,2	12,5					12			1,11	
LMAN 150/50	E13KC-01030103802			50	101			10,0	14,5	28				14	2	3	1,21	
LMAN 150/70	E13KC-01030103902			70				11,5	16,5								16	1,26
LMAN 150/95	E13KC-01030104002			95	108			13,5	19,0	60				18		4	1,43	
LMAN 150/120	E13KC-01030104102			120				15,5	21,0					20			1,48	
LMAN 150/150	E13KC-01030104202	150	185	240	17,0	23,5	28	35	22	2	3	1,63						
LMAN 185/50	E13KC-01030104302	50			10,0	14,5			14			1,58						
LMAN 185/70	E13KC-01030104402	70			11,5	16,5			16			1,64						
LMAN 185/95	E13KC-01030104502	95			112	13,5			19,0	60	35	28	3	6	18	2	4	1,8
LMAN 185/120	E13KC-01030104602	120				15,5			21,0						20			1,85
LMAN 185/150	E13KC-01030104702	150				17,0			23,5						22			2,02
LMAN 185/185	E13KC-01030104802	185			117	19,0			25,5	40	25	5	2,17					
LMAN 240/50	E13KC-01030104902	240	300	50	117	21,0	32,0	10,0	14,5	28	32	3	8	14	3	4	2,06	
LMAN 240/70	E13KC-01030105002			70				11,5	16,5					16			2,12	
LMAN 240/95	E13KC-01030105102			95				13,5	19,0					18			2,28	
LMAN 240/120	E13KC-01030105202			120	124			15,5	21,0	70				35	20	2	4	2,34
LMAN 240/150	E13KC-01030105302			150				17,0	23,5									22
LMAN 240/185	E13KC-01030105402			185	129			19,0	25,5	40				25	5	2,65		
LMAN 240/240	E13KC-01030105502			240				21,5	29,0					28		2,91		
LMAN 300/120	E13KC-01030105602	300	-	120	124	23,3	34,0	15,5	21,0	35	34	3	8	20	2	4	2,78	
LMAN 300/150	E13KC-01030105702			150				17,0	23,5					22			3,11	
LMAN 300/185	E13KC-01030105802			185				19,0	25,5					70			25	5
LMAN 300/240	E13KC-01030105902			240	21,5			29,0	40	28				5	3,75			
LMAN 300/300	E13KC-01030106002			300	139			24,5	32,0	50				32	6	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