

Tubular angle cable lugs, K90R type

FEATURES & BENEFITS

-  ring cable lug Cu, standard, with galvanic tin plating
palm of cable lug is bent at 90 degrees relative to the tubular part
crimped on the wire
-  description of cable cross-section and cable lug size on palm
surface
-  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
-  positive result of tests for compliance with the standard for round Cu
conductors of Class 2

MECHANICAL DATA

Material	Cu
Surface	tin-plated

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 10 - 240 mm ²
UL certificate	E475284 (according to table in the technical data sheet)
Design	standard

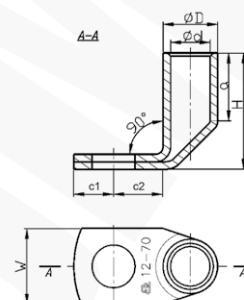
NOTE!

Sector-shaped conductors (sm) must be rounded with special dies.

Other designs on request.

For crimping cable lugs on cables of 5 class conductors (from cross-section of 10 mm²), we recommend crimping in a "hexagon with fangs" using KP22-FL type dies.

UL certificate - visit www.ergom.com



Type	Index Ergom	Cross-section, mm ² [mm ²]	d	D	a	c1	c2	W	H	Screw hole	UL	Socket code no. - 2 class	Socket code no. - 5 class	Lz/s	Lz/w	Quantity in package [pcs]	Weight [kg]
K90R 6/5 (100 PCS)	E11KM-01040100020	6	4,0	6,0	10	7,0	10	9	13,0	M5	-	4	-	1	1	100	0,32
K90R 6/6 (100 PCS)	E11KM-01040100030					7,5	10	9	13,0	M6						100	0,34
K90R 6/8 (100 PCS)	E11KM-01040100050					9,0	13	12		M8						100	0,41
K90R 10/5 (100 PCS)	E11KM-01040100100	10	4,5	7,0	10	7,5	10,0	12,0		M5	-	7	FL10	1	1	100	0,65
K90R 10/5 (10 PCS)	E11KM-01040100102					7,5	10,0	12,0		M5						10	0,07
K90R 10/6 (100 PCS)	E11KM-01040100200					7,5	10,0	12,0		M6						100	0,65
K90R 10/6 (10 PCS)	E11KM-01040100202					7,5	10,0	12,0		M6						10	0,07
K90R 10/8 (100 PCS)	E11KM-01040100300					9,0	13,0	15,0	15,0	M8						100	0,71
K90R 10/8 (10 PCS)	E11KM-01040100302					9,0	13,0	15,0	15,0	M8						10	0,08
K90R 10/10 (100 PCS)	E11KM-01040100400					11,0		17,0		M10						100	0,77
K90R 10/10 (10 PCS)	E11KM-01040100402					11,0		17,0		M10						10	0,08
K90R 10/12 (100 PCS)	E11KM-01040100500					12,0		19,0		M12						100	0,77
K90R 10/12 (10 PCS)	E11KM-01040100502					12,0		19,0		M12						10	0,08

Type	Index Ergom	Cross-section, mm ² [mm ²]	d	D	a	c1	c2	W	H	Screw hole	UL	Socket code no. - 2 class	Socket code no. - 5 class	Lz/s	Lz/w	Quantity in package [pcs]	Weight [kg]
K90R 16/5 (10 PCS)	E11KM-01040100602	16	5,5	8,5	13	7,0				M5	√	8	FL16	1	2	10	0,1
K90R 16/5 (100 PCS)	E11KM-01040100600						10,0	12,0								100	1
K90R 16/6 (100 PCS)	E11KM-01040100700					7,5				M6						10	0,11
K90R 16/6 (10 PCS)	E11KM-01040100702															100	1,15
K90R 16/8 (100 PCS)	E11KM-01040100800					9,0	13,0	15,0	20,0	M8						10	0,12
K90R 16/8 (10 PCS)	E11KM-01040100802															100	1,2
K90R 16/10 (100 PCS)	E11KM-01040100900					11,0		17,0		M10						10	0,12
K90R 16/10 (10 PCS)	E11KM-01040100902						15,0									100	1,2
K90R 16/12 (100 PCS)	E11KM-01040101000					12,0		19,0		M12						10	0,12
K90R 16/12 (10 PCS)	E11KM-01040101002															10	0,14
K90R 25/5 (10 PCS)	E11KM-01040101102	25	7,0	10,0	15	7,0				M5	√	10	FL25	1	2	10	0,14
K90R 25/5 (100 PCS)	E11KM-01040101100						10,0	14,0								100	1,4
K90R 25/6 (100 PCS)	E11KM-01040101200					7,5				M6						10	0,15
K90R 25/6 (10 PCS)	E11KM-01040101202															100	1,5
K90R 25/8 (100 PCS)	E11KM-01040101300					9,0	13,0	16,0		M8						10	0,15
K90R 25/8 (10 PCS)	E11KM-01040101302								23,5							100	1,6
K90R 25/10 (100 PCS)	E11KM-01040101400					11,0		18,0		M10						10	0,16
K90R 25/10 (10 PCS)	E11KM-01040101402						15,0									100	1,55
K90R 25/12 (100 PCS)	E11KM-01040101500					12,0				M12						10	0,16
K90R 25/12 (10 PCS)	E11KM-01040101502							19,0								100	1,6
K90R 25/14 (100 PCS)	E11KM-01040101600					14,0	18,0			M14						10	0,16
K90R 25/14 (10 PCS)	E11KM-01040101602															100	2,3
K90R 35/6 (100 PCS)	E11KM-01040101700	35	8,5	12,0	17	7,5	10,0			M6	√	12	FL35	1	2	10	0,23
K90R 35/6 (10 PCS)	E11KM-01040101702															100	2,4
K90R 35/8 (100 PCS)	E11KM-01040101800					9,0	13,0	18,0		M8						10	0,24
K90R 35/8 (10 PCS)	E11KM-01040101802															100	2,45
K90R 35/10 (100 PCS)	E11KM-01040101900					11,0			27,0	M10						10	0,25
K90R 35/10 (10 PCS)	E11KM-01040101902						15,0									100	2,4
K90R 35/12 (100 PCS)	E11KM-01040102000					12,0		20,0		M12						10	0,24
K90R 35/12 (10 PCS)	E11KM-01040102002															100	2,45
K90R 35/14 (100 PCS)	E11KM-01040102100					14,0	18,0	21,0		M14						10	0,24
K90R 35/14 (10 PCS)	E11KM-01040102102									M12						100	3,25
K90R 50/6 (100 PCS)	E11KM-01040102200	50	10,0	14,0	19	7,5	10,0			M6	√	14	FL50	1	2	10	0,33
K90R 50/6 (10 PCS)	E11KM-01040102202															100	3,4
K90R 50/8 (100 PCS)	E11KM-01040102300					9,0	13,0	20,0		M8						10	0,34
K90R 50/8 (10 PCS)	E11KM-01040102302															100	3,5
K90R 50/10 (100 PCS)	E11KM-01040102400					11,0				M10						10	0,35
K90R 50/10 (10 PCS)	E11KM-01040102402						15,0		31,0							100	3,5
K90R 50/12 (100 PCS)	E11KM-01040102500					12,0				M12						10	0,35
K90R 50/12 (10 PCS)	E11KM-01040102502							23,0								100	3,7
K90R 50/14 (100 PCS)	E11KM-01040102600					14,0				M14						10	0,37
K90R 50/14 (10 PCS)	E11KM-01040102602						18,0									100	3,7
K90R 50/16 (100 PCS)	E11KM-01040102700	70	12,0	16,5	21	16,0		28,0		M16	√	16	FL70	1	2	10	0,37
K90R 50/16 (10 PCS)	E11KM-01040102702															100	4,7
K90R 70/6 (100 PCS)	E11KM-01040102800					7,5	10,0			M6						10	0,47
K90R 70/6 (10 PCS)	E11KM-01040102802															100	4,85
K90R 70/8 (100 PCS)	E11KM-01040102900					9,0	13,0			M8						10	0,49
K90R 70/8 (10 PCS)	E11KM-01040102902							23,0								100	5,1
K90R 70/10 (100 PCS)	E11KM-01040103000					11,0				M10						10	0,51
K90R 70/10 (10 PCS)	E11KM-01040103002						15,0		35,0							100	5
K90R 70/12 (100 PCS)	E11KM-01040103100					12,0				M12						10	0,5
K90R 70/12 (10 PCS)	E11KM-01040103102															100	5,2
K90R 70/14 (100 PCS)	E11KM-01040103200					14,0				M14						10	0,52
K90R 70/14 (10 PCS)	E11KM-01040103202						18,0	28,0								100	5,3
K90R 70/16 (100 PCS)	E11KM-01040103300					16,0				M16						10	0,53
K90R 70/16 (10 PCS)	E11KM-01040103302															100	5,3

Type	Index Ergom	Cross-section, mm/sm [mm²]	d	D	a	c1	c2	W	H	Screw hole	UL	Socket code no. - 2 class	Socket code no. - 5 class	Lz/s	Lz/w	Quantity in package [pcs]	Weight [kg]								
K90R 95/8 (50 PCS)	E11KM-01040103400	95	13,5	18,0	24	12,0	16,0	26,0	37,0	M8	√	17	FL95	1	2	50	3,12								
K90R 95/8 (10 PCS)	E11KM-01040103402									10						0,63									
K90R 95/10 (50 PCS)	E11KM-01040103500						17,0			M10						50	3,1								
K90R 95/10 (10 PCS)	E11KM-01040103502															10	0,62								
K90R 95/12 (50 PCS)	E11KM-01040103600					18,0	M12			50						3,1									
K90R 95/12 (10 PCS)	E11KM-01040103602									10						0,62									
K90R 95/14 (50 PCS)	E11KM-01040103700					20,0	M14	50		3,6															
K90R 95/14 (10 PCS)	E11KM-01040103702									10						0,72									
K90R 95/16 (50 PCS)	E11KM-01040103800					16,0		22,0		29,0						M16	50	3,3							
K90R 95/16 (10 PCS)	E11KM-01040103802																	10	0,66						
K90R 95/20 (50 PCS)	E11KM-01040103900					20,0	24,0	35,0		M20						50	3,3								
K90R 95/20 (10 PCS)	E11KM-01040103902																10	0,66							
K90R 120/8 (50 PCS)	E11KM-01040103950	120	15,0	19,5	26	12,0	16,0	28,0	43,0	M8	√	19	FL120	1	2	50	3,8								
K90R 120/8 (10 PCS)	E11KM-01040103952															10	0,76								
K90R 120/10 (50 PCS)	E11KM-01040104000						17,0	M10		50						3,8									
K90R 120/10 (10 PCS)	E11KM-01040104002															10	0,76								
K90R 120/12 (50 PCS)	E11KM-01040104100					18,0	29,0	43,0		M12						√	19	FL120	1	2	50	3,7			
K90R 120/12 (10 PCS)	E11KM-01040104102																					10	0,74		
K90R 120/16 (50 PCS)	E11KM-01040104300																				16,0	22,0	M16	50	4,3
K90R 120/16 (10 PCS)	E11KM-01040104302																								10
K90R 120/20 (50 PCS)	E11KM-01040104400					20,0	24,0	35,0		M20						50	4,4								
K90R 120/20 (10 PCS)	E11KM-01040104402																10	0,88							
K90R 150/10 (50 PCS)	E11KM-01040104500	150	16,5	21,0	30	12,0	17,0	31,0	41,0	M10	√	20	FL150	2	3	50	3,9								
K90R 150/10 (10 PCS)	E11KM-01040104502																10	0,78							
K90R 150/12 (50 PCS)	E11KM-01040104600						18,0			M12						50	4,3								
K90R 150/12 (10 PCS)	E11KM-01040104602																10	0,86							
K90R 150/14 (50 PCS)	E11KM-01040104700					16,0	20,0			41,0						M14	√	20	FL150	2	3	50	4,3		
K90R 150/14 (10 PCS)	E11KM-01040104702																						10	0,86	
K90R 150/16 (50 PCS)	E11KM-01040104800							22,0														M16	50	4,2	
K90R 150/16 (10 PCS)	E11KM-01040104802																							10	0,84
K90R 150/20 (50 PCS)	E11KM-01040104900					20,0	24,0	36,0		M20						50	4,5								
K90R 150/20 (10 PCS)	E11KM-01040104902																10	0,9							
K90R 185/10 (50 PCS)	E11KM-01040104950	185	19,0	24,0	32	14,0		35,0	46,0	M10	√	23	FL185	2	3	50	6								
K90R 185/10 (10 PCS)	E11KM-01040104952																10	1,2							
K90R 185/12 (50 PCS)	E11KM-01040105000						22,0			M12						50	6								
K90R 185/12 (10 PCS)	E11KM-01040105002																10	1,2							
K90R 185/14 (50 PCS)	E11KM-01040105100					16,0	M14			50						6,1									
K90R 185/14 (10 PCS)	E11KM-01040105102															10	1,22								
K90R 185/16 (50 PCS)	E11KM-01040105200							20,0		M16						50	5,9								
K90R 185/16 (10 PCS)	E11KM-01040105202																10	1,18							
K90R 185/20 (50 PCS)	E11KM-01040105300					20,0	24,0	38,0		M20						50	6								
K90R 185/20 (10 PCS)	E11KM-01040105302																10	1,2							
K90R 240/10 (50 PCS)	E11KM-01040105350	240	21,0	26,0	38	14,0		38,0	53,0	M10	√	25	FL240	2	4	50	6,9								
K90R 240/10 (10 PCS)	E11KM-01040105352																10	1,38							
K90R 240/12 (50 PCS)	E11KM-01040105400						22,0			M12						50	7,1								
K90R 240/12 (10 PCS)	E11KM-01040105402																10	1,42							
K90R 240/14 (50 PCS)	E11KM-01040105500					16,0	M14			50						7,4									
K90R 240/14 (10 PCS)	E11KM-01040105502															10	1,48								
K90R 240/16 (50 PCS)	E11KM-01040105600							20,0		M16						50	7,1								
K90R 240/16 (10 PCS)	E11KM-01040105602																10	14,2							
K90R 240/20 (50 PCS)	E11KM-01040105700					20,0	24,0	M20		50						7,2									
K90R 240/20 (10 PCS)	E11KM-01040105702															10	1,44								
K90R 300/12 (10 PCS)	E11KM-01040105802	300	24,0	30,0	45	14,0	24,0	43,0	61,0	M12	-	28	FL300	2	6	10	2,8								
K90R 300/16 (10 PCS)	E11KM-01040106002					16,0				M16									10	2,28					

Lz/s - Number of crimping - wide, Lz/w - Number of crimping - narrow