

Tubular angle cable lugs, K45R type

FEATURES & BENEFITS

-  ring cable lug Cu, standard, with galvanic tin plating
palm of cable lug is bent at 45 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

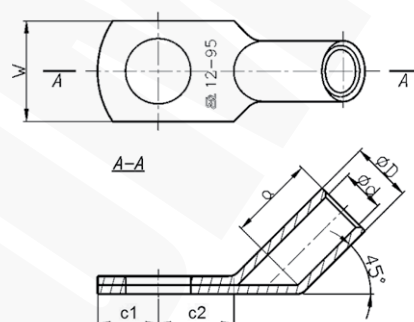
NOTE!

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

On special request, elbows can be bent at 30° (K30R) or 60° (K60R) or at any
other angle.

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, rm/sm [mm²]	d	D	a	c1	c2	W	Screw hole	UL	Socket code no. - 2 class	Socket code no. - 5 class	Lz/s	Lz/w	Quantity in package [pcs]	Weight [kg]	
K45R 6/5 (100 SZT.)	E11KM-01050090250	6	4,0	6,0	10	7,0	10,0	9,0	M5	-	4	-	1	1	100	0,29	
K45R 6/6 (100 PCS)	E11KM-01050090300					7,5			M6							0,31	
K45R 6/8 (100 PCS)	E11KM-01050090400					9,0			13,0							12,0	M8
K45R 10/5 (100 PCS)	E11KM-01050100100	10	4,5	7,0	10	7,5	10,0	12,0	M5	-	7	FL10	1	1	100	0,66	
K45R 10/5 (10 PCS)	E11KM-01050100102								M6						10	0,07	
K45R 10/6 (100 PCS)	E11KM-01050100200														100	0,66	
K45R 10/6 (10 PCS)	E11KM-01050100202					M8	10	0,07									
K45R 10/8 (100 PCS)	E11KM-01050100300					9,0	13,0	15,0	M8						100	0,72	
K45R 10/8 (10 PCS)	E11KM-01050100302														10	0,08	
K45R 10/10 (100 PCS)	E11KM-01050100400														11,0	15,0	17,0
K45R 10/10 (10 PCS)	E11KM-01050100402					10	0,08										
K45R 10/12 (100 PCS)	E11KM-01050100500					12,0		19,0	M12						100		0,76
K45R 10/12 (10 PCS)	E11KM-01050100502														10		0,08

Type	Index Ergom	Cross-section, mm ²	d	D	a	c1	c2	W	Screw hole	UL	Socket code no. - 2 class	Socket code no. - 5 class	Lz/s	Lz/w	Quantity in package [pcs]	Weight [kg]
K45R 16/5 (100 PCS)	E11KM-01050100600	16	5,5	8,5	13	7,0	10,0	12,0	M5	√	8	FL16	1	2	100	1,1
K45R 16/5 (10 PCS)	E11KM-01050100602														10	0,11
K45R 16/6 (100 PCS)	E11KM-01050100700					7,5	15,0	17,0	M6						100	1,1
K45R 16/6 (10 PCS)	E11KM-01050100702														10	0,11
K45R 16/8 (100 PCS)	E11KM-01050100800					9,0	13,0	15,0	M8						100	1,17
K45R 16/8 (10 PCS)	E11KM-01050100802														10	0,12
K45R 16/10 (100 PCS)	E11KM-01050100900					11,0	19,0	19,0	M10						100	1,24
K45R 16/10 (10 PCS)	E11KM-01050100902														10	0,13
K45R 16/12 (100 PCS)	E11KM-01050101000					12,0			M12						100	1,21
K45R 16/12 (10 PCS)	E11KM-01050101002														10	0,13
K45R 25/5 (100 PCS)	E11KM-01050101100	25	7,0	10,0	15	7,0	10,0	14,0	M5	√	10	FL25	1	2	100	1,4
K45R 25/5 (10 PCS)	E11KM-01050101102														10	0,14
K45R 25/6 (100 PCS)	E11KM-01050101200					7,5	15,0	19,0	M6						100	1,45
K45R 25/6 (10 PCS)	E11KM-01050101202														10	0,15
K45R 25/8 (100 PCS)	E11KM-01050101300					9,0	13,0	16,0	M8						100	1,5
K45R 25/8 (10 PCS)	E11KM-01050101302														10	0,15
K45R 25/10 (100 PCS)	E11KM-01050101400					11,0	18,0	19,0	M10						100	1,6
K45R 25/10 (10 PCS)	E11KM-01050101402														10	0,16
K45R 25/12 (100 PCS)	E11KM-01050101500					12,0			M12						100	1,55
K45R 25/12 (10 PCS)	E11KM-01050101502														10	0,16
K45R 25/14 (100 PCS)	E11KM-01050101600	35	8,5	12,0	17	14,0	18,0	21,0	M14	√	12	FL35	1	2	100	1,62
K45R 25/14 (10 PCS)	E11KM-01050101602														10	0,17
K45R 35/6 (100 PCS)	E11KM-01050101700					7,5	10,0		M6						100	2,2
K45R 35/6 (10 PCS)	E11KM-01050101702														10	0,22
K45R 35/8 (100 PCS)	E11KM-01050101800					9,0	13,0	18,0	M8						100	2,4
K45R 35/8 (10 PCS)	E11KM-01050101802														10	0,24
K45R 35/10 (100 PCS)	E11KM-01050101900					11,0	15,0	20,0	M10						100	2,52
K45R 35/10 (10 PCS)	E11KM-01050101902														10	0,26
K45R 35/12 (100 PCS)	E11KM-01050102000					12,0			M12						100	2,38
K45R 35/12 (10 PCS)	E11KM-01050102002														10	0,24
K45R 35/14 (100 PCS)	E11KM-01050102100	50	10,0	14,0	19	14,0	18,0	21,0	M14	√	14	FL50	1	2	100	2,4
K45R 35/14 (10 PCS)	E11KM-01050102102														10	0,24
K45R 35/16 (100 PCS)	E11KM-01050102200					16,0	23,0	26,0	M16						100	2,6
K45R 35/16 (10 PCS)	E11KM-01050102202														10	0,26
K45R 50/6 (100 PCS)	E11KM-01050102300					7,5	10,0		M6						100	3,2
K45R 50/6 (10 PCS)	E11KM-01050102302														10	0,32
K45R 50/8 (100 PCS)	E11KM-01050102400					9,0	13,0	20,0	M8						100	3,4
K45R 50/8 (10 PCS)	E11KM-01050102402														10	0,34
K45R 50/10 (100 PCS)	E11KM-01050102500					11,0	15,0	19,0	M10						100	3,56
K45R 50/10 (10 PCS)	E11KM-01050102502														10	0,36
K45R 50/12 (100 PCS)	E11KM-01050102600					12,0			M12						100	3,44
K45R 50/12 (10 PCS)	E11KM-01050102602														10	0,35
K45R 50/14 (100 PCS)	E11KM-01050102700	50	10,0	14,0	19	14,0	18,0	23,0	M14	√	14	FL50	1	2	100	3,6
K45R 50/14 (10 PCS)	E11KM-01050102702														10	0,36
K45R 50/16 (100 PCS)	E11KM-01050102800					16,0	28,0	30,0	M16						100	3,7
K45R 50/16 (10 PCS)	E11KM-01050102802														10	0,37
K45R 50/20 (100 PCS)	E11KM-01050102900					20,0	22,0	30,0	M20						100	4,3
K45R 50/20 (10 PCS)	E11KM-01050102902														10	0,43

Type	Index Ergom	Cross-section, mm ² /mm ²	d	D	a	c1	c2	W	Screw hole	UL	Socket code no. - 2 class	Socket code no. - 5 class	Lz/s	Lz/w	Quantity in package [pcs]	Weight [kg]
K45R 70/6 (100 PCS)	E11KM-01050103000	70	12,0	16,5	21	7,5	10,0		M6	√	16	FL70	1	2	100	4,6
K45R 70/6 (10 PCS)	E11KM-01050103002														10	0,46
K45R 70/8 (100 PCS)	E11KM-01050103100					9,0	13,0		M8						100	4,8
K45R 70/8 (10 PCS)	E11KM-01050103102							23,0							10	0,48
K45R 70/10 (100 PCS)	E11KM-01050103200								M10						100	5,1
K45R 70/10 (10 PCS)	E11KM-01050103202					11,0	15,0								10	0,51
K45R 70/12 (100 PCS)	E11KM-01050103300								M12						100	5
K45R 70/12 (10 PCS)	E11KM-01050103302														10	0,5
K45R 70/14 (100 PCS)	E11KM-01050103400					14,0			M14						100	5,25
K45R 70/14 (10 PCS)	E11KM-01050103402						18,0	28,0							10	0,53
K45R 70/16 (100 PCS)	E11KM-01050103500					16,0			M16						100	5,25
K45R 70/16 (10 PCS)	E11KM-01050103502														10	0,53
K45R 70/20 (100 PCS)	E11KM-01050103600					20,0	22,0	30,0	M20						100	5,8
K45R 70/20 (10 PCS)	E11KM-01050103602														10	0,58
K45R 95/8 (50 PCS)	E11KM-01050103700	95	13,5	18,0	24		16,0		M8	√	17	FL95	1	2	50	3,2
K45R 95/8 (10 PCS)	E11KM-01050103702														10	0,64
K45R 95/10 (50 PCS)	E11KM-01050103800					12,0	17,0		M10						50	3,25
K45R 95/10 (10 PCS)	E11KM-01050103802							26,0							10	0,65
K45R 95/12 (50 PCS)	E11KM-01050103900						18,0		M12						50	3,24
K45R 95/12 (10 PCS)	E11KM-01050103902														10	0,65
K45R 95/14 (50 PCS)	E11KM-01050104000						20,0		M14						50	3,31
K45R 95/14 (10 PCS)	E11KM-01050104002					16,0									10	0,67
K45R 95/16 (50 PCS)	E11KM-01050104100						22,0	29,0	M16						50	3,31
K45R 95/16 (10 PCS)	E11KM-01050104102														10	0,67
K45R 95/20 (50 PCS)	E11KM-01050104200					20,0	24,0	35,0	M20						50	3,5
K45R 95/20 (10 PCS)	E11KM-01050104202														10	0,7
K45R 120/8 (50 PCS)	E11KM-01050104300	120	15,0	19,5	26		16,0	28,0	M8	√	19	FL120	1	2	50	3,7
K45R 120/8 (10 PCS)	E11KM-01050104302														10	0,74
K45R 120/10 (50 PCS)	E11KM-01050104400					12,0	17,0		M10						50	3,7
K45R 120/10 (10 PCS)	E11KM-01050104402														10	0,74
K45R 120/12 (50 PCS)	E11KM-01050104500						18,0		M12						50	3,64
K45R 120/12 (10 PCS)	E11KM-01050104502							29,0							10	0,73
K45R 120/14 (50 PCS)	E11KM-01050104600						20,0		M14						50	3,9
K45R 120/14 (10 PCS)	E11KM-01050104602					16,0									10	0,78
K45R 120/16 (50 PCS)	E11KM-01050104700						22,0		M16						50	4,95
K45R 120/16 (10 PCS)	E11KM-01050104702														10	0,99
K45R 120/20 (50 PCS)	E11KM-01050104800					20,0	24,0	35,0	M20						50	4,56
K45R 120/20 (10 PCS)	E11KM-01050104802														10	0,92
K45R 150/8 (50 PCS)	E11KM-01050104900	150	16,5	21,0	30		16,0		M8	√	20	FL150	1	2	50	4,36
K45R 150/8 (10 PCS)	E11KM-01050104902														10	0,88
K45R 150/10 (50 PCS)	E11KM-01050105000					12,0	17,0		M10						50	4,46
K45R 150/10 (10 PCS)	E11KM-01050105002														10	0,9
K45R 150/12 (50 PCS)	E11KM-01050105100						18,0	31,0	M12						50	4,36
K45R 150/12 (10 PCS)	E11KM-01050105102														10	0,88
K45R 150/14 (50 PCS)	E11KM-01050105200						20,0		M14						50	4,6
K45R 150/14 (10 PCS)	E11KM-01050105202					16,0									10	0,92
K45R 150/16 (50 PCS)	E11KM-01050105300						22,0		M16						50	4,63
K45R 150/16 (10 PCS)	E11KM-01050105302														10	0,93
K45R 150/20 (50 PCS)	E11KM-01050105400					20,0	24,0	36,0	M20						50	5,14
K45R 150/20 (10 PCS)	E11KM-01050105402														10	1,03
K45R 185/10 (50 PCS)	E11KM-01050105500	185	19,0	24,0	30				M10	√	23	FL185	2	4	50	6,3
K45R 185/10 (10 PCS)	E11KM-01050105502					14,0									10	1,26
K45R 185/12 (50 PCS)	E11KM-01050105600								M12						50	6,2
K45R 185/12 (10 PCS)	E11KM-01050105602						22,0	35,0							10	1,24
K45R 185/14 (50 PCS)	E11KM-01050105700								M14						50	6,15
K45R 185/14 (10 PCS)	E11KM-01050105702					16,0									10	1,23
K45R 185/16 (50 PCS)	E11KM-01050105800								M16						50	6,15
K45R 185/16 (10 PCS)	E11KM-01050105802														10	1,23
K45R 185/20 (50 PCS)	E11KM-01050105900					20,0	24,0	38,0	M20						50	6,3
K45R 185/20 (10 PCS)	E11KM-01050105902														10	1,26

Type	Index Ergom	Cross-section, mm ²	d	D	a	c1	c2	W	Screw hole	UL	Socket code no. - 2 class	Socket code no. - 5 class	Lz/s	Lz/w	Quantity in package [pcs]	Weight [kg]
K45R 240/10 (50 PCS)	E11KM-01050106000	240	21,0	26,0	38	14,0	22,0	38,0	M10	√	25	FL240	2	4	50	7,76
K45R 240/10 (10 PCS)	E11KM-01050106002														10	1,56
K45R 240/12 (50 PCS)	E11KM-01050106100								M12						50	7,8
K45R 240/12 (10 PCS)	E11KM-01050106102														10	1,56
K45R 240/14 (50 PCS)	E11KM-01050106200					16,0	24,0	38,0	M14						50	7,7
K45R 240/14 (10 PCS)	E11KM-01050106202														10	1,54
K45R 240/16 (50 PCS)	E11KM-01050106300								M16						50	7,6
K45R 240/16 (10 PCS)	E11KM-01050106302														10	1,52
K45R 240/20 (50 PCS)	E11KM-01050106400					20,0	24,0	38,0	M20						50	7,9
K45R 240/20 (10 PCS)	E11KM-01050106402														10	1,58
K45R 300/12 (10 PCS)	E11KM-01050106502	300	24,0	30,0	45	14,0	24,0	43,0	M12	-	28	FL300	2	6	10	2,4
K45R 300/16 (10 PCS)	E11KM-01050106702					16,0			M16							
K45R 300/20 (10 PCS)	E11KM-01050106802					20,0			M20							2,44

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