

Tubular angle cable lugs, K90D type

FEATURES & BENEFITS

- ✓ ring cable lug Cu, crimped part as per DIN, 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, cable lug size and crimping die
number on crimped part 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
- ✓ very wide range

MECHANICAL DATA

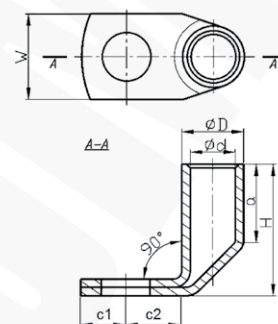
Material	Cu
Surface	tin-plated

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	DIN 46235 – concerns only the tubular part

NOTE!

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



Type	Index Ergom	Cross-section, mm ²	d	D	a	c1	c2	W	H	Screw hole	UL	Socket code no.	Lz/s	Lz/w	Quantity in package [pcs]	Weight [kg]								
K90D 10/5 (100 PCS)	E11KM-02030100100	10	4,5	6,0	10	7,0	10,0	9	14	M5	√	6	-	1	100	0,5								
K90D 10/5 (10 PCS)	E11KM-02030100102					M6				10					0,05									
K90D 10/6 (100 PCS)	E11KM-02030100200					7,5	13,0	12	14	M6					100	0,4								
K90D 10/6 (10 PCS)	E11KM-02030100202					M8				10					0,04									
K90D 10/8 (100 PCS)	E11KM-02030100300					9,0				M8					100	0,4								
K90D 10/8 (10 PCS)	E11KM-02030100302					M8				10					0,04									
K90D 16/6 (100 PCS)	E11KM-02030100500	16	5,5	8,5	20	7,5	10,0	13	14	M6	√	8	1	2	100	1,3								
K90D 16/6 (10 PCS)	E11KM-02030100502					M8				10					0,13									
K90D 16/8 (100 PCS)	E11KM-02030100600					9,0	13,0	18	25	M8					100	1,3								
K90D 16/8 (10 PCS)	E11KM-02030100602					M10				10					0,13									
K90D 16/10 (100 PCS)	E11KM-02030100700					11,0				M10					100	1,4								
K90D 16/10 (10 PCS)	E11KM-02030100702					15,0				M12					10	0,17								
K90D 16/12 (100 PCS)	E11KM-02030100800					12,0	25	7,0	10,0	20					11,0	17	26	√	10	1	2	100	1,7	
K90D 16/12 (10 PCS)	E11KM-02030100802					M12																10	0,17	
K90D 25/6 (100 PCS)	E11KM-02030100900					7,5									10,0	14	16					M6	100	1,7
K90D 25/6 (10 PCS)	E11KM-02030100902					M8																10	0,17	
K90D 25/8 (100 PCS)	E11KM-02030101000	9,0	13,0	18	19	M8					100	1,7												
K90D 25/8 (10 PCS)	E11KM-02030101002	M10				10					0,17													
K90D 25/10 (100 PCS)	E11KM-02030101100	11,0				M10					100	2												
K90D 25/10 (10 PCS)	E11KM-02030101102	15,0				M12					10	0,2												
K90D 25/12 (100 PCS)	E11KM-02030101200	12,0	25	7,0	10,0	20	12,0	19	M14	-	10	1	2	100	1,9									
K90D 25/12 (10 PCS)	E11KM-02030101202	M12												10	0,19									
K90D 25/14 (100 PCS)	E11KM-02030101230	14,0					18,0	100						2,08										
K90D 25/14 (10 PCS)	E11KM-02030101232														10	0,21								

Type	Index Ergom	Cross-section, mm ² [mm ²]	d	D	a	c1	c2	W	H	Screw hole	UL	Socket code no.	Lz/s	Lz/w	Quantity in package [pcs]	Weight [kg]
K90D 35/6 (100 PCS)	E11KM-02030101260	35	8,2	12,5	20	7,5	10,0	17		M6	–	12	1	2	100	3,6
K90D 35/6 (10 PCS)	E11KM-02030101262														10	0,36
K90D 35/8 (100 PCS)	E11KM-02030101310					9,0	13,0			M8					100	3,8
K90D 35/8 (10 PCS)	E11KM-02030101312							19	27						10	0,38
K90D 35/10 (100 PCS)	E11KM-02030101400					11,0				M10	✓				100	3,8
K90D 35/10 (10 PCS)	E11KM-02030101402						15,0								10	0,38
K90D 35/12 (100 PCS)	E11KM-02030101500					12,0		21		M12					100	3,7
K90D 35/12 (10 PCS)	E11KM-02030101502														10	0,37
K90D 35/14 (100 PCS)	E11KM-02030101530					14,0	18,0			M14	–				100	3,6
K90D 35/14 (10 PCS)	E11KM-02030101532														10	0,36
K90D 50/8 (100 PCS)	E11KM-02030101600	50	10,0	14,5	28	9,0	13,0	22		M8		14	2	3	100	5
K90D 50/8 (10 PCS)	E11KM-02030101602														10	0,5
K90D 50/10 (100 PCS)	E11KM-02030101700					11,0				M10	✓				100	4,8
K90D 50/10 (10 PCS)	E11KM-02030101702						15,0	36							10	0,48
K90D 50/12 (100 PCS)	E11KM-02030101800					12,0				M12					100	4,4
K90D 50/12 (10 PCS)	E11KM-02030101802														10	0,44
K90D 50/14 (100 PCS)	E11KM-02030101830					14,0		24		M14	–				100	4,3
K90D 50/14 (10 PCS)	E11KM-02030101832						18,0								10	0,43
K90D 50/16 (100 PCS)	E11KM-02030101900					16,0				M16	✓				100	4,4
K90D 50/16 (10 PCS)	E11KM-02030101902							28							10	0,44
K90D 70/8 (100 PCS)	E11KM-02030102010	70	11,5	16,5	28	9,0	13,0	24		M8		16	2	3	100	6,5
K90D 70/8 (10 PCS)	E11KM-02030102012														10	0,65
K90D 70/10 (100 PCS)	E11KM-02030102100					11,0				M10	✓				100	6,7
K90D 70/10 (10 PCS)	E11KM-02030102102						15,0	37							10	0,67
K90D 70/12 (100 PCS)	E11KM-02030102200					12,0				M12					100	6,4
K90D 70/12 (10 PCS)	E11KM-02030102202														10	0,64
K90D 70/14 (100 PCS)	E11KM-02030102230					14,0		30		M14	–				100	6,3
K90D 70/14 (10 PCS)	E11KM-02030102232						18,0								10	0,63
K90D 70/16 (100 PCS)	E11KM-02030102300					16,0				M16	✓				100	5,7
K90D 70/16 (10 PCS)	E11KM-02030102302							32							10	0,57
K90D 95/8 (50 PCS)	E11KM-02030102400	95	13,5	19,0	35		16,0	45		M8	–	18	2	4	50	5,5
K90D 95/8 (10 PCS)	E11KM-02030102402														10	1,1
K90D 95/10 (50 PCS)	E11KM-02030102500					12,0	17,0			M10					50	5
K90D 95/10 (10 PCS)	E11KM-02030102502							28			✓				10	1
K90D 95/12 (50 PCS)	E11KM-02030102600						18,0			M12					50	4,85
K90D 95/12 (10 PCS)	E11KM-02030102602							45							10	0,97
K90D 95/14 (50 PCS)	E11KM-02030102630						20,0			M14	–				50	4,95
K90D 95/14 (10 PCS)	E11KM-02030102632														10	0,99
K90D 95/16 (50 PCS)	E11KM-02030102700					16,0		32		M16					50	4,9
K90D 95/16 (10 PCS)	E11KM-02030102702						22,0				✓				10	0,98
K90D 95/20 (50 PCS)	E11KM-02030102800							32							50	4,9
K90D 95/20 (10 PCS)	E11KM-02030102802					20,0	24,0			M20					10	0,98
K90D 120/8 (50 PCS)	E11KM-02030102860	120	15,5	21,0	35		16,0	47		M8	–	20	2	4	50	6,7
K90D 120/8 (10 PCS)	E11KM-02030102862														10	1,34
K90D 120/10 (50 PCS)	E11KM-02030102900					12,0	17,0			M10					50	6,6
K90D 120/10 (10 PCS)	E11KM-02030102902							32							10	1,32
K90D 120/12 (50 PCS)	E11KM-02030103000						18,0			M12					50	6,4
K90D 120/12 (10 PCS)	E11KM-02030103002														10	1,28
K90D 120/14 (50 PCS)	E11KM-02030103100						20,0	47		M14	✓				50	6,4
K90D 120/14 (10 PCS)	E11KM-02030103102														10	1,28
K90D 120/16 (50 PCS)	E11KM-02030103200					16,0				M16					50	6,35
K90D 120/16 (10 PCS)	E11KM-02030103202						22,0	38							10	1,27
K90D 120/20 (50 PCS)	E11KM-02030103300														50	6,25
K90D 120/20 (10 PCS)	E11KM-02030103302					20,0	24,0			M20					10	1,25

Type	Index Ergom	Cross-section, mm ²	d	D	a	c1	c2	W	H	Screw hole	UL	Socket code no.	Lz/s	Lz/w	Quantity in package [pcs]	Weight [kg]
K90D 150/8 (50 PCS)	E11KM-02030103360	150	17,0	23,5	35	12,0	16,0	34	48	M8	–	22	2	4	50	9,6
K90D 150/8 (10 PCS)	E11KM-02030103362														10	1,92
K90D 150/10 (50 PCS)	E11KM-02030103400					12,0	17,0	34	48	M10	✓				50	9,5
K90D 150/10 (10 PCS)	E11KM-02030103402														10	1,9
K90D 150/14 (50 PCS)	E11KM-02030103530					16,0	20,0	34	48	M14	–				50	9,4
K90D 150/14 (10 PCS)	E11KM-02030103532														10	1,88
K90D 150/12 (50 PCS)	E11KM-02030103500					12,0	18,0	34	48	M12					50	9,3
K90D 150/12 (10 PCS)	E11KM-02030103502														10	1,86
K90D 150/16 (50 PCS)	E11KM-02030103600					16,0	22,0	34	48	M16	✓				50	9,85
K90D 150/16 (10 PCS)	E11KM-02030103602														10	1,97
K90D 150/20 (50 PCS)	E11KM-02030103700					20,0	24,0	38	48	M20					50	9,25
K90D 150/20 (10 PCS)	E11KM-02030103702														10	1,85
K90D 185/10 (50 PCS)	E11KM-02030103760	185	19,0	25,5	40	14,0	22,0	37	55	M10	–	25	2	5	50	10,45
K90D 185/10 (10 PCS)	E11KM-02030103762														10	2,09
K90D 185/12 (50 PCS)	E11KM-02030103800					16,0	22,0	37	55	M12	✓				50	10,35
K90D 185/12 (10 PCS)	E11KM-02030103802														10	2,07
K90D 185/14 (50 PCS)	E11KM-02030103830					16,0	22,0	37	55	M14	–				50	10,3
K90D 185/14 (10 PCS)	E11KM-02030103832														10	2,06
K90D 185/16 (50 PCS)	E11KM-02030103900					20,0	24,0	40	55	M16					50	10,25
K90D 185/16 (10 PCS)	E11KM-02030103902										✓				10	2,05
K90D 185/20 (50 PCS)	E11KM-02030104000					20,0	24,0	40	55	M20					50	10,25
K90D 185/20 (10 PCS)	E11KM-02030104002														10	2,05
K90D 240/12 (50 PCS)	E11KM-02030104100	240	21,5	29,0	40	14,0	22,0	42	57	M12	✓	28	2	5	50	15,85
K90D 240/12 (10 PCS)	E11KM-02030104102														10	3,17
K90D 240/14 (50 PCS)	E11KM-02030104130					16,0	22,0	42	57	M14	–				50	15,9
K90D 240/14 (10 PCS)	E11KM-02030104132														10	3,18
K90D 240/16 (50 PCS)	E11KM-02030104200					20,0	24,0	45	57	M16					50	15,85
K90D 240/16 (10 PCS)	E11KM-02030104202										✓				10	3,17
K90D 240/20 (50 PCS)	E11KM-02030104300					20,0	24,0	45	57	M20					50	15,85
K90D 240/20 (10 PCS)	E11KM-02030104302														10	3,17
K90D 300/12 (25 PCS)	E11KM-02030104330	300	24,5	32,0	50	14,0	22,0	48	67	M12		32	2	6	25	4,58
K90D 300/12 (10 PCS)	E11KM-02030104332														10	11,45
K90D 300/14 (25 PCS)	E11KM-02030104360					16,0	22,0	48	67	M14					25	11,35
K90D 300/14 (10 PCS)	E11KM-02030104362														10	4,54
K90D 300/16 (25 PCS)	E11KM-02030104400					20,0	24,0	48	67	M16	–				25	11,25
K90D 300/16 (10 PCS)	E11KM-02030104402														10	4,5
K90D 300/20 (25 PCS)	E11KM-02030104500					20,0	24,0	48	67	M20					25	11,43
K90D 300/20 (10 PCS)	E11KM-02030104502														10	4,58

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