

REED SWITCHES



Normally open (Form A)

	MKA-07101	MKA-07101M	MKA-10110		MKA-10110S		MKA-10110M		MKA-10704
Switching power, W, VA	1	1	10		10		10		7,5
Switching voltage, V	24	24	100 (<15AT) 200 (>15AT)		100 (<15AT) 200 (>15AT)		100 (<15AT) 200 (>15AT)		30
Switching / Carry current, A	0,1/0,3	0,1/0,3	0,5/0,5		0,5/0,5		0,5/0,5		0,25/0,5
Pull-in range, AT	7...35	7...40	7...40		7...45		7...45		10...35
Release range, AT, min	4	4	3		3		3		5
Resetting Ratio	0,35...0,95	0,35...0,95	0,35...0,9		0,35...0,9		0,35...0,9		0,4...0,9
Breakdown voltage, V, not less, AC/DC less 15 AT AT more 15 AT	110/150	110/150	130/180	165/230	130/180	165/230	130/180	165/230	127/180
Contact resistance, Ω	0,2	0,2	0,1		0,15		0,15		0,12
Operating time including bounce, ms	0,3	0,3	0,5		0,5		0,5		0,5
Release time including bounce, ms	0,1	0,1	0,3		0,3		0,3		0,3
Capacitance, pF, not more	0,4	0,4	0,5		0,5		0,5		0,2
Insulations resistance, G Ω , not less	1	1	1		1		1		1
Operation frequency, Hz	400	400	400		400		400		100
Switching current frequency, kHz, not more	10	10	10		10		10		2 000 000
Life expectancy, switching cycles x10 ⁶	1..50	1..50	0,1..5		0,1..5		0,1..5		0,5..2
Vibration (1..600 Hz), g, not more	10	10	10		10		10		20
Resonant frequency, Hz	12000	12000	5000		5000		5000		3000
Shock (1±0,3) ms, g, not more	150	150	150		150		150		750
Weight, g, not more	0,07	0,12	0,083		0,05		0,15		0,1
Contact material	Ru	Ru	Ru		Ru		Ru		Au
Operating temperature, °C	-60...125	-60...125	-60...125		-60...125		-60...125		-60...100
Humidity, %, not more	98	98	98		98		98		98
Tube length x Tube diameter	7xØ1,8	8,7x□2,65	10xØ1,8		10xØ1,8		11,7x□2,65		10xØ1,8
Full length, mm	4,8	4,8	4,8		16,4		4,8		4,9



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	MKA-14.103		MKA-14.103S		MKA-14.103M		MKA-14.103MS		MKA-14.106	MKA-16.101
Switching power, W, VA	10		10		10		10		10	10 (5 Lamp)
Switching voltage, V	200		200		200		200		100	100 (15 Lamp)
Switching / Carry current, A	1/1		1/1		1/1		1/1		0,5/0,5	0,5/1
Pull-in range, AT	8...35		8...35		8...35		8...35		10...35	10...50
Release range, AT, min	4		4		4		4		7	5
Resetting Ratio	0,35...0,9		0,35...0,9		0,35...0,9		0,35...0,9		0,7...0,95	0,35...0,95
Breakdown voltage, V, not less, AC/DC less 15 AT AT more 15 AT	160/220	180/250	160/220	180/250	160/220	180/250	160/220	180/250	160/220	160/220
Contact resistance, Ω	0,1		0,1		0,1		0,1		0,14	0,1
Operating time including bounce, ms	1		1		1		1		1	0,6
Release time including bounce, ms	0,4		0,4		0,4		0,4		0,4	0,4
Capacitance, pF, not more	0,7		0,7		0,7		0,7		0,7	0,3
Insulations resistance, G Ω , not less	10		10		10		10		10	1
Operation frequency, Hz	100		100		100		100		100	400
Switching current frequency, kHz, not more	10		10		10		10		10	10
Life expectancy, switching cycles x10 ⁶	0,1...100		0,1...100		0,1...100		0,1...100		0,5...100	0,1...100
Vibration (1...600 Hz), g, not more	40		40		40		40		20	10
Resonant frequency, Hz	4000		4000		4000		4000		4000	3000
Shock (1±0,3) ms, g, not more	150		150		150		150		150	150
Weight, g, not more	0,14		0,09		0,25		0,21		0,14	0,16
Contact material	Ru		Ru		Ru		Ru		Ru	Ru
Operating temperature, °C	-60...155		-60...155		-60...155		-60...155		-60...155	-60...125
Humidity, %, not more	98		98		98		98		98	98
Tube length x Tube diameter	14,2xØ2,3		14,2xØ2,3		16xØ3,05		16xØ3,05		14,2xØ2,3	16,5xØ2,54
Full length, mm	44,7		19,8		44,7		19,8		44,7	44,7



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	MKA-16102	MKA-20101	MKA-20101M	MKA-20103	MKA-20103M	KAM-1
Switching power, W, VA	10 (4 lamp)	10	10	50	50	30
Switching voltage, V	100 (12 lamp)	180	180	250	250	300
Switching / Carry current, A	1,0 (3 lamp)/1,5	0,5/0,5	0,5/0,5	1,0/2	1,0/2,0	2/2
Pull-in range, AT	20..50	10..42	10..50	20..50	18..60	40..120
Release range, AT, min	5	4	4	8	7	12
Resetting Ratio	0,35..0,95	0,35..0,9	0,35..0,9	0,4..0,9	0,4..0,9	0,3..0,9
Breakdown voltage, V, not less, AC/DC less 15 AT AT more 15 AT	160/220	160/280	160/280	220/400	220/400	500/700
Contact resistance, Ω	0,15	0,15	0,15	0,1	0,1	0,1
Operating time including bounce, ms	0,6	1	1	0,75	0,75	2
Release time including bounce, ms	0,4	0,3	0,3	0,3	0,3	0,8
Capacitance, pF, not more	0,3	0,4	0,4	0,4	0,4	1
Insulations resistance, G Ω , not less	1	1	1	10	10	1
Operation frequency, Hz	400	100	100	100	100	50
Switching current frequency, kHz, not more	10	10	10	10	10	10
Life expectancy, switching cycles x10 ⁶	0,01..100	0,01..100	0,01..100	0,025..10	0,025..10	0,01..100
Vibration (1..600 Hz), g, not more	10	20	20	30	30	10
Resonant frequency, Hz	3000	2600	2600	2600	2600	700
Shock (1±0,3) ms, g, not more	150	150	150	150	150	150
Weight, g, not more	0,16	0,36	0,5	0,36	0,5	3,0
Contact material	Rh	Ru	Ru	Ru	Ru	Ru
Operating temperature, °C	-60..125	-60..125	-60..125	-60..125	-60..125	-60..125
Humidity, %, not more	98	98	98	98	98	98
Tube length x Tube diameter	16,5xØ2,54	20xØ2,54	22,6x□3,6	20xØ2,54	22,6x□3,6	50xØ5,4
Full length, mm	44,7	55	55	55	55	80



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	KAM-2	MUK1A-1	MKA-36201	MKA-50202
Switching power, W, VA	10	15	250	250
Switching voltage, V	180	160	250	250
Switching / Carry current, A	0,5/0,5	0,5/0,5	3/3	5/5
Pull-in range, AT	10...64	20...75	50...80	40...100
Release range, AT, min	5	6	18	16
Resetting Ratio	0,3...0,9	0,3...0,9	0,35...0,9	0,4...0,9
Breakdown voltage, V, not less, AC/DC less 15 AT AT more 15 AT	180/250	127/180	350/500	360/700
Contact resistance, Ω	0,15	0,15	0,1	0,15
Operating time including bounce, ms	1	1	2	2
Release time including bounce, ms	0,5	0,3	2	1
Capacitance, pF, not more	0,4	0,4	1	1
Insulations resistance, G Ω , not less	1	1	1	1
Operation frequency, Hz	100	100	50	25
Switching current frequency, kHz, not more	10	10	10	10
Life expectancy, switching cycles x10 ⁶	0,05...10	0,002...10	0,01...1	0,005...2
Vibration (1...600 Hz), g, not more	10	10	10	10
Resonant frequency, Hz	2400	2400	700	700
Shock (1±0,3) ms, g, not more	150	150	150	150
Weight, g, not more	0,33	0,40	1,8	2,0
Contact material	Ru	Ru	Mo	Mo
Operating temperature, °C	-60...125	-60...125	-60...125	-60...100
Humidity, %, not more	98	98	98	98
Tube length x Tube diameter	21xØ3,2	21,5xØ3,0	37xØ5,5	50xØ5,4
Full length, mm	46,6	40	61	80



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