□ ELECTRICAL LIFE

Voltage	Making		Breaking		Life(Thousand Operations)			
	Current (A)	Power Factor or Time Constant	Current (A)	Power Factor or Time Constant	R24U	R25U	R14U	R15U
240VAC (Inductive Load)	10	PF=0.7	1	PF=0.4	—	—	500	800
	5		0.5		300	1000	1000	1500
	2.5		0.25		600	2000	2000	3000
110VAC (Inductive Load)	10	PF=0.7	1	PF=0.4	—	—	500	800
	5		0.5		300	1000	1000	2000
	2.5		0.25		600	2000	2000	4000
110VAC (Resistive Load)	3	PF=1.0	3	PF=1.0	—	—	—	200
	2		2		50	200	200	1000
	1		1		300	500	1000	2000
115VDC (Inductive Load)	0.5	L/R=100ms *4 (L/R=40ms)	0.5	L/R=100ms *4 (L/R=40ms)	—	—	300(1000)	300(1000)
	0.3		0.3		200	300	900	900
115VAC (Inductive Load)	0.02	Relay coil	0.012	Relay coil	15000	30000	35000	60000
24VDC (Inductive Load)	0.037	Relay coil	0.037	Relay coil	10000	15000	15000	30000

Note : 1. Values of DC inductive loads tabulated above are the ones where stationary contact side is of positive polarity. However, where used at values more than rated operational current, opposite polarity can extend life For details, contact Yaskawa.

2. Values in parenthesis are where opposite polarity is implemented

3. Where DC light load such as relay is utilized, opposite polarity may reduce the life expectancy

*4 Life in R24U and R25U is based on a time constant of 40ms