

LIGHT COUNTRY CO., LTD

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SERIES R5 ROCKER SWITCH (DOUBLE POLE)

Technical data:

Electrical rating: 15A125VAC 10A250VAC

20A125VAC 15A250VAC

Mechanical life: Over 30000 cycles

Electrical life: Over 10000 cycles

Contact resistance: < 20m ohm (12V, 1A DC)

Insulation resistance: > 1000 M ohm (500 VDC between the open contacts)

High voltage resistance: > 1500V 1 minute. (initial)

Ambient temperature: Terminal side -20 ~ +85 C, Actuating side -20 ~ +55 C

Storage temperature: -30 ~ +80 C

Atmospheric humidity: Max.85%

Actuating force: 4~8N(dependent on switch function)

Flammability: UL94 V-2

Material housing: PA 66

Material rocker: PA 66

Contacts: Silver alloy

Terminal: Brass (silver plated)

Temperature rise at the terminal: Max 30 C (UL 1054)

Solderability of terminal: Max 350C, 3s (no pressure may be exerted on the terminals when soldering by hand)

Approval marks:

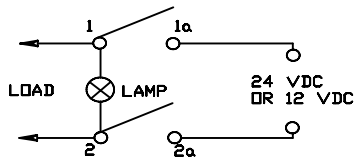
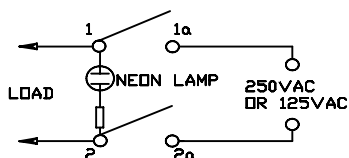


Ordering procedure:

R5 -- 1 -- 2 -- K -- K -- F -- T -- 0 -- F

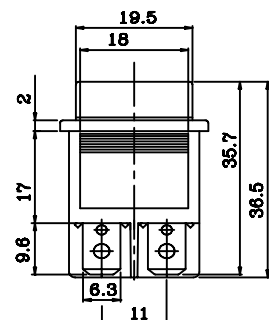
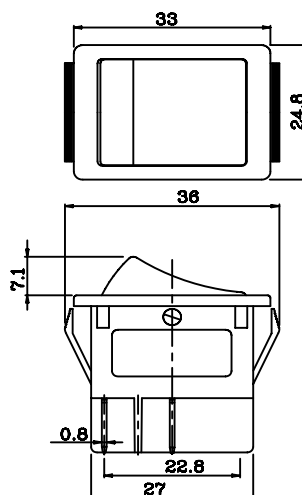
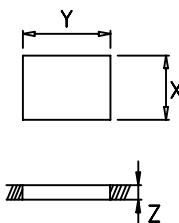
Function	Rating	Color of Housing	Color of Rocker	Marking	Terminal type	Lamp voltage	7 safety approval
1=on-off	2=10A250VAC						
2=on-on	15A125VAC		K=Black(std.)	E=		0=No lamp	
3=on-off-on	5=15A250VAC	K=Black(std.)	W=White	F=	T=	1=125VAC	
4=on- (on)	20A125VAC	W=White	G=Gray		250 Tab	2=250VAC	
5=off- (on)		G=Gray	R=Red			3=12VDC	
6= (on) -off- (on)			Y=Yellow			4=24VDC	
7=on- (off)			(illuminated)	B=			
8=on-off- (on)			M=Green				
9=on-off			(illuminated)	H=			
(with lamp)			D=Red				
			(illuminated)				

Circuits for switch with lamp



Panel cut out

Z	Y	X
0.70~1.25	22.20~22.30	29.50~29.60
1.25~2.00	22.20~22.30	30.50~30.60
2.00~3.00	22.20~22.30	30.65~30.75



* UL File:
No.104190(S)

* VDE File:
No.103254