

LIGHT COUNTRY CO., LTD

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SERIES R4 ROCKER SWITCH (SPST, SPDT)

Technical data:

Electrical rating: 15A125VAC 10A250VAC/20A125VAC 15A250VAC (UL)

10A250VAC 15A250VAC (VDE)

Mechanical life: Over 30000 cycles

Electrical life: Over 10000 cycles

Contact resistance: < 20m ohm

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:

R4 -- 9 -- 2 -- K -- K -- D -- T -- 2 -- F

Function Rating

1=on-off 2=10A250VAC
2=on-on 15A125VAC
3=on-off-on 5=15A250VAC
4=on- (on) 20A125VAC
5=off- (on)
6= (on) -off- (on)
7=on- (off)
8=on-off- (on)
9=on-off
(with lamp)

Color of Housing

K=Black (std.)
W=White
G=Gray

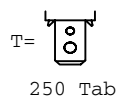
Color of Rocker

K=Black (std.)
W=White
G=Gray
R=Red

Marking

E=
A=
B=
F=
D= (red lens)
Y= (yellow lens)
M= (green lens)

Terminal type

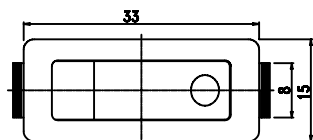


250 Tab

Lamp voltage

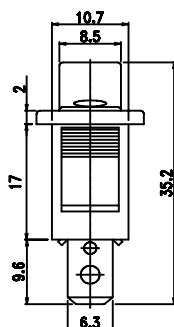
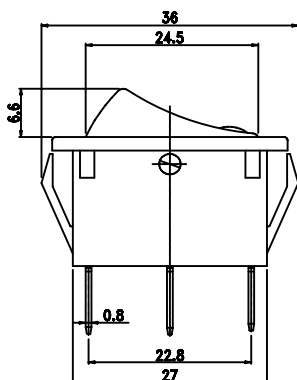
0=No lamp
1=125VAC
2=250VAC
3=12VDC
4=24VDC

7 safety approval

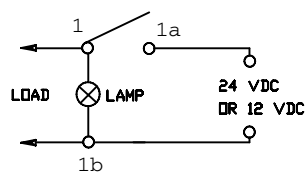
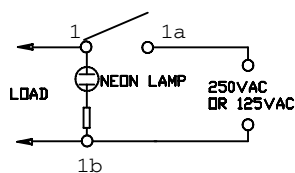


* UL File:
No.104190 (S)

* VDE File:
No.103254



Circuits for switch with lamp



Panel cut out

Z	Y	X
0.70~1.25	11.10~11.20	29.60~29.70
1.25~2.00	11.10~11.20	30.10~30.20
2.00~3.00	11.10~11.20	30.45~30.55

