

LIGHT COUNTRY CO., LTD.

NO. 37, ALLEY 3, LANE 458, YUEN HO ROAD, CHUNG HO CITY, TAIPEI, TAIWAN R.O.C.

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Series R19 Subminiature Rocker Switch (SPST, DPST) (R9)

Rocker switch for Appliance: communication appliance, test equipment, automation machine, office appliance, and consumer appliance.

R19 (R9) switches can easily snap into the 13mm x 19mm mounting panel cut-out, with the terminals of fasten (quick connect) type and PCB angle type. Comparing with R19A series, the R19 series can meet the requirements of double poles in design, which make the products safer. R19 series switches are widely used in power suppliers. Switches with red, green and yellow illuminated lamps are available. This switch can also be functioned as indicator lights.

Part number: R9Y2KDFT2F (standard type)

Description:

Function: DPST, on-off with red lamp(250VAC)

Rating: 4(1)250VAC, 6A250VAC, 9A125VAC

Approvals: UL, CSA, VDE, FIMKO, SEMKO, DEMKO, NEMKO

Housing color: Black

Rocker color: Red illuminated

Actuator marking: International standard I/O marking

Terminal type: Quick connect type(187 tab)

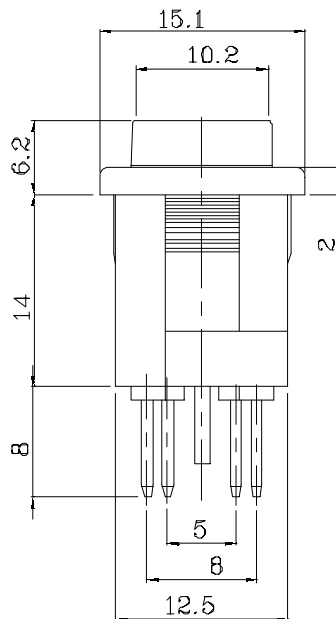
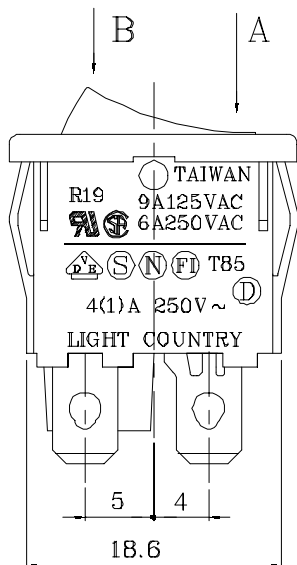
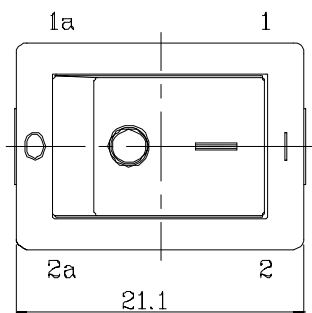
Packing: @2000 pcs/carton

@net weight: 10 kgs/carton

@gross weight: 11 kgs/carton



Drawing:



※ UL File:
No.104190(S)
※ CSA File:
No.081268X0000
※ VDE File:
No.70472

POLES FUNCTION	OPTION OF FUNCTION			
	A		B	
DPST	1-1a 2-2a	—	OFF	—

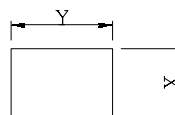
COLOR LIST

ROCKER	HOUSING
BLACK	BLACK
WHITE	WHITE
GRAY	GRAY
RED	
ORANGE	
YELLOW	
GREEN	

RATING						REMARK
125VAC	250VAC	30VDC				
9A	6A					
CONTACT RESISTANCE		DC 2~4V 0.1A <20 miliΩ				
INSULATION RESISTANCE		>500MΩ (DC 500V)				
DIELECTRIC STRENGTH		1500V AC 1 min				
LIFE	ELECTRICAL	OVER 10000 CYCLES				
	MECHANICAL	OVER 50000 CYCLES				

PANEL MOUNTING

PANEL THICKNESS	X	Y
0.7 ~ 4	13	19.2~19.8



SERIES	R19 SERIES SUBMINIATURE ROCKER SWITCH (R9)
PART NUMBER:	R9Y2KDFT2F
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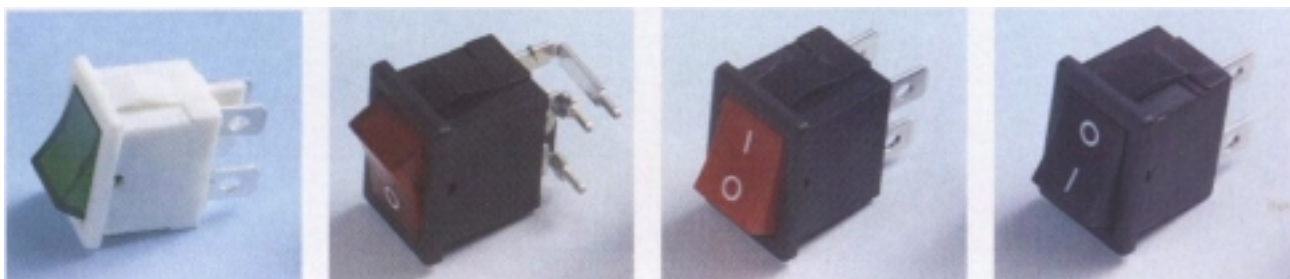
General features of R19 series:

- Easy snap in Rocker Switch
- Panel Cut 13x19 mm
- With or Without illuminated red, green, yellow lamp
- DPST and SPST, On-Off function



Technical Data:

1. Electrical rating: 9A125VAC 6A250VAC (UL); 4(1)A 250VAC (VDE, FI,N,D,S)
2. Mechanical life: Over 50000 cycles
3. Electrical life: Over 10000 cycles
4. Contact resistance: < 20m ohm
5. Insulation resistances: > 1000 M ohm (500 VDC between the open contacts)
6. High voltage resistances: > 1500V 1 minute. (Initial)
7. Ambient temperature: Terminal side -20 ~ +85 C, Actuating side -20 ~ +55 C
8. Storage temperature: -30 ~ +80 C
9. Atmospheric humidity: Max.85%
10. Actuating force: 4~8N (dependent on switch function)
11. Flammability: UL94 V-2
12. Material housing: PA 66
13. Material rocker: PC
14. Contacts: Silver alloy
15. Terminal: Brass (silver plated)
16. Temperature rise at the terminal: Max 30 C (UL 1054)
17. Solder ability of terminal: Max 350C, 3s (no pressure may be exerted on the terminals when soldering by hand)
18. Approval marks: UL, CSA, VDE, FI, N, S, D



Ordering Procedure: (other functions for customers' selection)

R9 D 2 K K F T O F

F=7 Safety approvals E= None approval

Lamp Voltage: 0= No Lamp 3= 12 VDC

1= 125 VAC 4= 24 VDC

2= 250 VAC 6= 6 VDC

Terminal Type:

T = 187 Tab 

R= angle PCB 

Marking:

E = 

G = 

F = 

I = 

other markings please refer to catalog

Color of Rocker:

K= Black (std.)

W= White

G= Gray

R= Red

Y= Yellow (illuminated)

M= Green (illuminated)

D= Red (illuminated)

Color of Housing:

K= Black (std.)

W= White

G= Gray

Rating: 2= 9A125VAC/6A250VAC (UL)

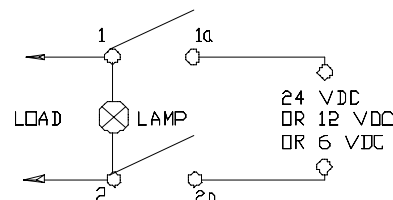
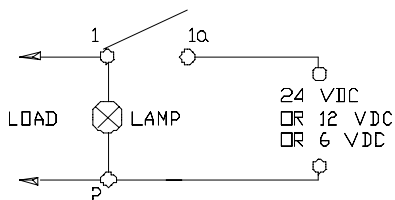
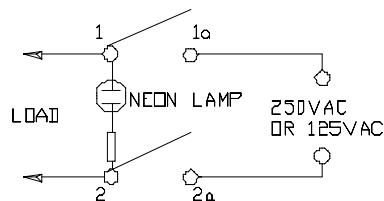
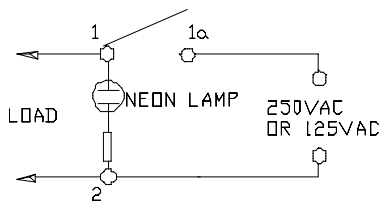
4(1)250VAC (VDE,FI,N,S,D)

1= SPST, ON-OFF(no lamp)

D= DPST, ON-OFF(no lamp)

9= SPST, ON-OFF(with lamp)

Y= DPST, ON-OFF(with lamp)



Panel cut out

Z	Y	X
0.70~1.25	12.80~12.90	19.20~19.30
1.25~2.00	12.80~12.90	19.30~19.40
2.00~3.00	12.80~12.90	19.50~19.60

