

Rocker Switch RC Series



SPECIFICATION

- Electrical Rating : 2A 250VAC/125VAC, 6A 250VAC/10A 125VAC (UL) 10A 250VAC/15A 125VAC(UL) 10(4)A 250 VAC (VDE)
- Mechanical life: Over 30000 cycles
- Electrical life: Over 10000 cycles
- Contact resistance: <20m Ω
- Insulation resistance: >1000M Ω
- High voltage resistance: >1500VAC 1 min.
- Ambient temperature: Terminal side -20 to +85°C Actuating side- 20 to +55°C
- Atmospheric humidity: Max.85%
- Actuating force: 3 to 6N(depends on different switch function)
- Flammability: UL94V-2 & UL94V-0
- Storage temperature: -30 to +80°C Max
- Temperature rise at the terminal: 30°C (UL1054)
- Solder ability of terminal: Max 350°C 3s

MATERIALS

- Housing: PA 66
- Rocker: PA 66 & PC
- Contacts: Silver alloy
- Terminal: Copper or brass silver plated
- Spring: SWC
- Movable arm: Copper silver plated
- Lamp: Neon lamp, Tungsten lamp, LED
- Bracket: PA66

HOW TO ORDER

ORDERING PROCEDURE (PART I): NON-ILLUMINATED

RC 1 5 K K E T 0 0 B

SERIES SWITCH FUNCTION RATING HOUSING COLOR ACTUATOR COLOR MARKING TERMINAL LAMP VOLTAGE SHAPE OF WINDOW SAFETY APPROVAL

1	ON-OFF
2	ON-ON
3	ON-OFF-ON

K (BLACK)	○	○
W (WHITE)	○	○
G (GRAY)	○	○
O (ORANGE)	○	
R (RED)		○
N (GREEN)		○
Y (YELLOW)		○
B (BLUE)		○
V (VIOLET)		○

○ AVAILABLE

SEE OPTION OF MARKING

0 NO WINDOW

B UL,VDE

0 NO LAMP

T QUICK CONNECT TERMINAL, 4.8mm WIDE, 0.8mm THICK

2	6A 250VAC
	10A 250VAC
5	15A 125VAC
	10(4)A 250VAC

勝特力材料 886-3-5753170
勝特力电子(上海) 86-21-54151736
勝特力电子(深圳) 86-755-83298787
[Http://www.100y.com.tw](http://www.100y.com.tw)

HOW TO ORDER

ORDERING PROCEDURE (PART II): ILLUMINATED

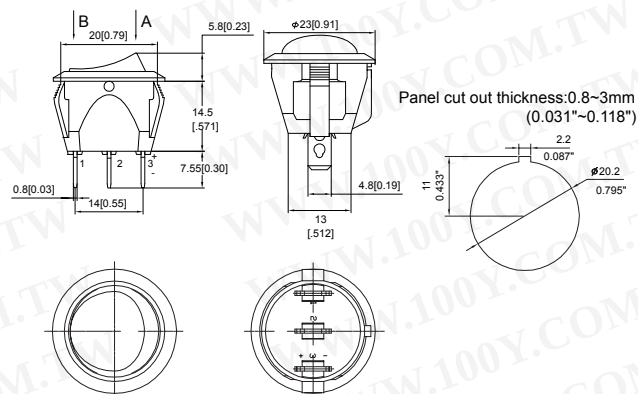
SERIES	SWITCH FUNCTION	RATING	HOUSING COLOR	ACTUATOR COLOR	COLOR OF WINDOW	MARKING	TERMINAL	LAMP VOLTAGE	SHAPE OF WINDOW	COLOR OF LAMP	SAFETY APPROVAL
9	ON-OFF (LIGHTED)	K (BLACK) W (WHITE) G (GRAY) O (ORANGE) R (RED) N (GREEN) Y (YELLOW) B (BLUE) V (VIOLET) D (RED) illu. M (GREEN) illu. Y (YELLOW) illu. F (BLUE) illu.	☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐		SEE OPTION OF MARKING		L C E	ELLIPSE (FOR LED LAMP) ROUND (FOR NEON OR TUNGSTEN LAMP) NO WINDOW (FOR NEON OR TUNGSTEN LAMP)			
2	6A 250VAC 10A 250VAC										
5	15A 125VAC 10(4)A 250VAC										
		E (NO WONDOW) D (RED) illu. M (GREEN) illu. Y (YELLOW) illu. F (BLUE) illu. T (TRANSPARENT) illu.	☐ ☐ ☐ ☐ ☐ ☐				1 2 3 4 L	NEON LAMP (125VAC) NEON LAMP (250VAC) 12VDC TUNGSTEN LAMP 24VDC TUNGSTEN LAMP LED			
							T	QUICK CONNECT TERMINAL, 4.8mm WIDE, 0.8mm THICK			
										B	UL, VDE

○ AVAILABLE

Option of switch function

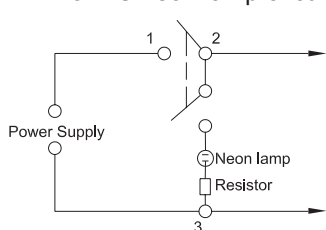
Item No	POLES & THROWS	Rocker position (): Momentary		
		Left	Center	Right
RC1	SPST	ON	None	OFF
RC2	SPDT	ON	None	ON
RC3	SPDT	ON	OFF	ON
RC9	SPST (With LED)	ON	None	OFF

Dimension & Panel cut out

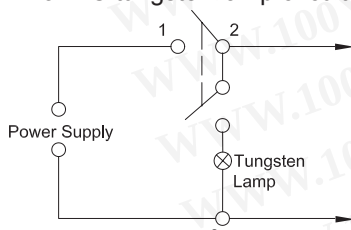


Lamp Circuit

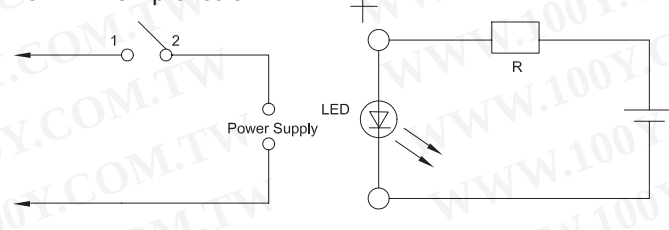
For AC neon lamp circuit



For DC tungsten lamp circuit



For LED lamp circuit



Ordering Procedure List

Rating List(一)

R19A(RA)Series Rocker Switch	R19(R9)Series Rocker Switch	R4 Series Rocker Switch	R5 Series Rocker Switch	R6 Series Rocker Switch	RB Series Rocker Switch	RC Series Rocker Switch	RAWP Series Rocker Switch
0 2A 250V AC (UL&VDE)							
2 6A 250V AC (UL&VDE)	6A 250V AC 9A 125V AC (UL) 4(1)A 250V AC (VDE)	10A 250VAC&15A 125VAC (UL) 16A 250VAC (VDE)	10A 250VAC&15A 125VAC (UL) 16A 250VAC (VDE)	6A 250V AC & 10A 125VAC (UL) 4(1)A 250VAC (VDE)	6A 250V AC & 10A 125VAC (UL) 6(1)A 250VAC (VDE)	6A 250V AC (UL&VDE)	
5 8A 250VAC 15A 125VAC (UL)	12(4)A 250VAC (VDE) 12A 125VAC (UL)	16A 250VAC & 20A 125VAC (UL) 16A 250VAC (VDE)	16A 250VAC & 20A 125VAC (UL) 16A 250VAC (VDE)			10A 250VAC 15A 125VAC (UL) 10(4) 250VAC (VDE)	10A 250VAC 15A 125VAC (UL) 10(4) 250VAC (VDE)
8	16A 250VAC 21A 125VAC (UL) 16A 250VAC (VDE)						
I	Indicator		Indicator				

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Colour List(二)

Color	K (Black)	W (White)	R (Red)	G (Gray)	B (Blue)	O (Orange)	Y (Yellow)	M (Green)	V (Violet)	C (Coffee)	S (Argentine)
	M (III. Green)	T (III. White)	D (III. Red)	L (III. Gray)	W (ZnPlan dwhite)	F (III. Blue)	C (ZnPlan dwhite)	BK (Black &Red)	KH (Khaki)	Y (III. Yellow)	
Housing											
Actuator											

Marking List(三)



A



B



C



D



E



F



G

Lamp Voltage List(四)

Code	Lamp voltage
0	No lamp
1	NEON lamp (125V)
2	NEON lamp (250V)
3	12VDC
4	24VDC
5	48VDC
6	6VDC
7	3VDC
8	72VDC
9	4VDC
A	36VDC
L	LED lamp

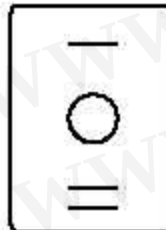
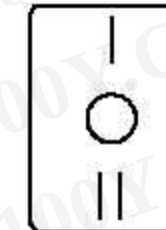
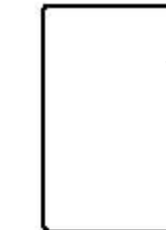
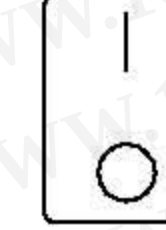
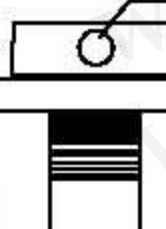
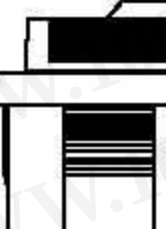
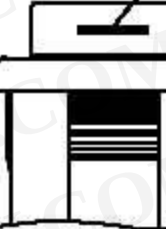
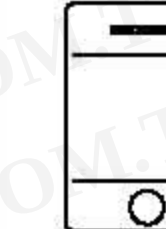
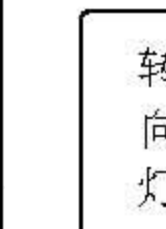
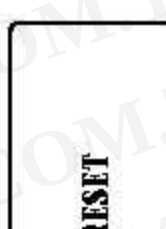
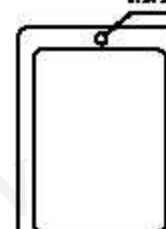
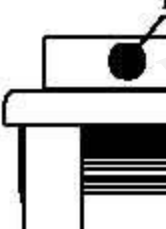
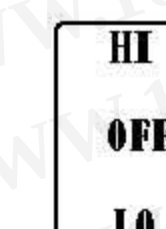
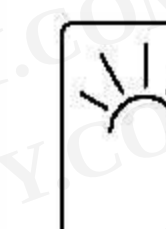
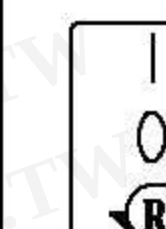
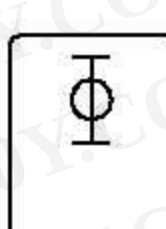
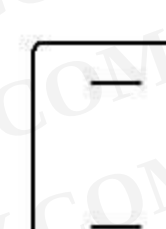
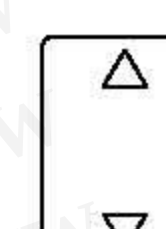
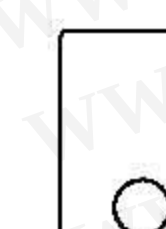
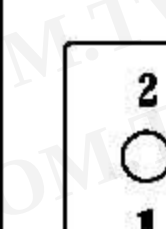
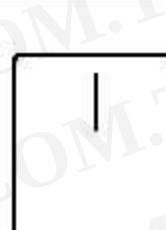
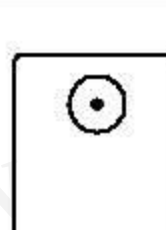
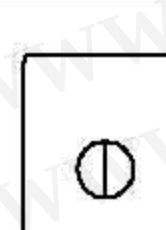
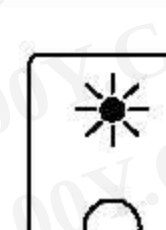
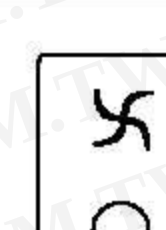
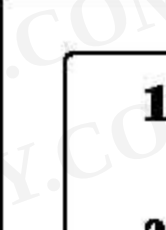
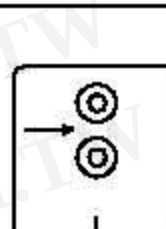
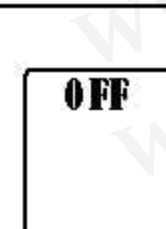
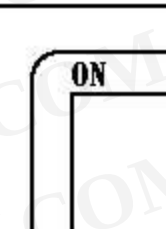
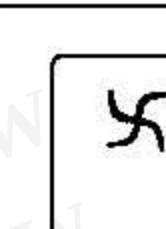
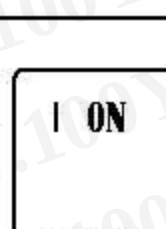
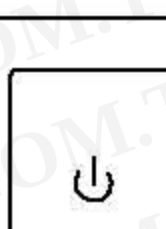
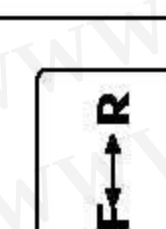
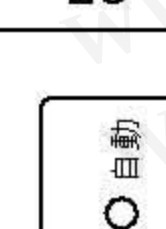
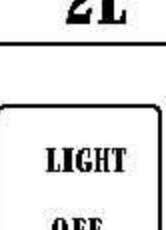
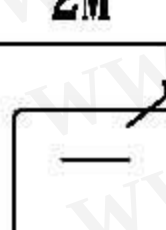
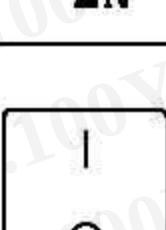
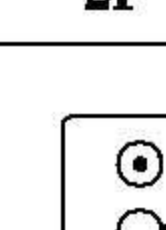
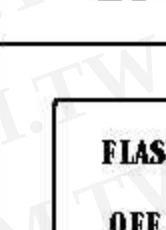
Colour of Lamp List(六)

Code	LAMP COLOR
N	TRANSPARENT NEON LAMP
F	GREEN FLUORESCENT NEON LAMP
B	BLUE FLUORESCENT NEON LAMP
T	TUNGSTEN LAMP
R	RED LED LAMP
M	GREEN LED LAMP
Y	YELLOW LED LAMP
L	LED LAMP
0	Without LED

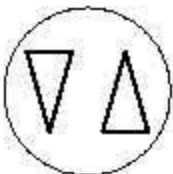
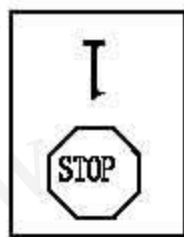
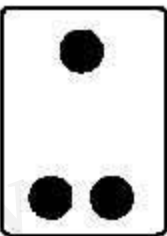
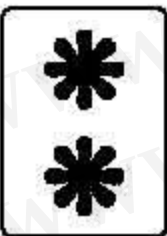
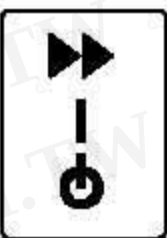
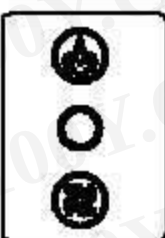
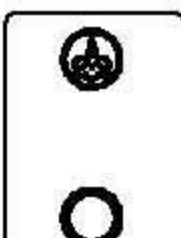
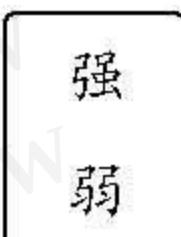
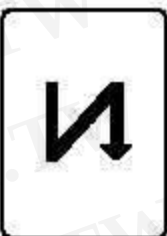
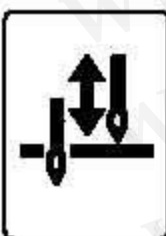
Lamp Name List(五)

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Code	Lamp Name
0	No Lamp
L	Led Lamp
T	Tungsten Lamp
N	Transparent Neon Lamp
F	Green Fluorescent Neon Lamp
B	Blue Fluorescent Neon Lamp

 A	 B	 C	 D	 E	 F	 G	 H	 I
 J	 K	 L	 M	 N	 O	 P	 Q	 R
 S	 T	 U	 V	 W	 X	 Y	 Z	 1A
 1B	 1C	 1D	 1E	 1F	 1G	 1H	 1I	 1J
 1K	 1L	 1M	 1N	 1O	 1P	 1Q	 1R	 1S
 1T	 1U	 1V	 1W	 1X	 1Y	 1Z	 2A	 2B
 2C	 2D	 2E	 2F	 2G	 2H	 2I	 2J	 2K
 2L	 2M	 2N	 2O	 2P	 2Q	 2R	 2S	 2T
 2U	 2V	 2W	 2X	 2Y	 2Z	 3A	 3B	 3C

marking height: 2mm

								
3D	3E	3F	3G	3H	3I	3J	3K	3L
								
3M	3N	3O	3P	3Q	3R	3S	3T	3U
								
3V	3W	3X	3Y	3Z	4A	4B	4C	4D
								
4E	4F	4G	4H	4I	4J	4K	4L	4M
								
4N	4O	4P						

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