

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

Rocker Switch R9(R19) Series



SPECIFICATION

- Electrical Rating : 9A 125VAC 6A 250VAC (UL)
4(1)A 250VAC (VDE)
16A 250VAC/21A 125VAC(UL)
16(6)A 250VAC(VDE) R91,R9D
- Mechanical life: Over 30000 cycles
- Electrical life: Over 10000 cycles
- Contact resistance: <20mΩ
- Insulation resistance: >1000MΩ
- 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: 4 to 8N(depends on different switch function)
- Flammability: UL94V-2
- Storage temperature: -30 to +80°C Max
- Temperature rise at the terminal: Max 30°C (UL1054)
- Solder ability of terminal: Max 350°C 3s

MATERIALS

- Housing: PA 66
- Rocker: PC & PA66
- Contact: Silver alloy
- Terminal: Brass silver plated
- Lamp: Neon lamp, Tungsten lamp, LED
- Movable arm: Beryllium copper

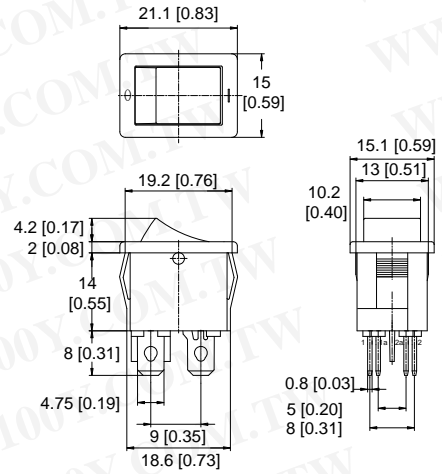
HOW TO ORDER

R9	1	2	K	K	E	T	0	0	F	1
Series	Switch Function	Rating	Housing Color	Actuator Color	Marking	Terminal	Lamp Voltage	Lamp Type	Safety Approval	
Series										
	2	6A 250V AC 9A 125V AC 4(1)A 250V AC	G Gray W White K Black O Orange R Red B Blue Y Yellow(III.) M Green(III.) F Blue(III.) D Red(III.)	○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○		R R Type T T Type L L Type See option of marking	0 No Lamp 1 125V AC 2 250V AC 3 12V DC 4 24V DC 5 48V DC 6 6V DC 7 3V DC 8 72V DC	0 No Lamp L Led Lamp T Tungsten Lamp N Transparent Neon Lamp F Green Fluorescent Neon Lamp B Blue Fluorescent Neon Lamp	F 4 Safety Approvals E None Approval	2 No Barrier Between Terminals 1 With One Barrier Between Terminals 10 With Cross Barrier Between Terminals
	1	ON-OFF (SPST)								
	9	ON-OFF (SPST-With Lamp)								
	D	ON-OFF (DPST)								
	Y	ON-OFF (DPST-With Lamp)								

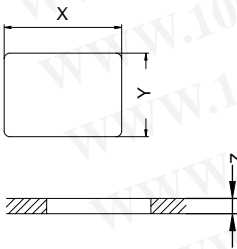
Option of switch function

Item Number:	Poles & Throws	Rocker Position		
R91	SPST	ON	NONE	OFF
R99	SPST (WITH LAMP)	ON	NONE	OFF
R9D	DPST	ON	NONE	OFF
R9Y	DPST (WITH LAMP)	ON	NONE	OFF
R9I	Indicator			
R9B	The block sealed on the panel			

Dimension



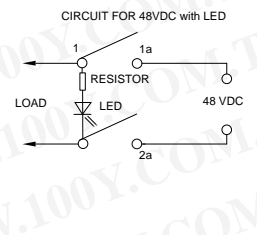
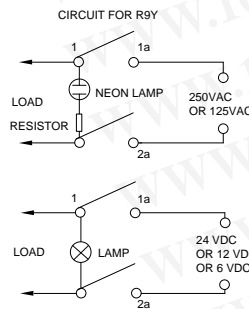
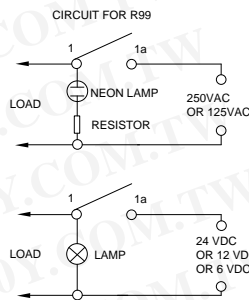
Panel cut out



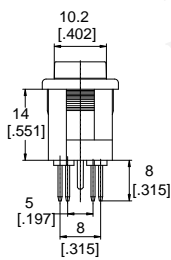
Z	Y	X
0.7~1.25	12.8~12.9	19.2~19.3
1.25~2.0	12.8~12.9	19.3~19.4
2.0~3.0	12.8~12.9	19.5~19.6

Circuit of switch with Lamp & Led

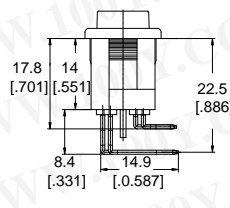
- For circuit of 250VAC, 125VAC with neon lamp
- For circuit of 24 VDC, 12 VDC, 6 VDC, 3 VDC with lamp
- For circuit of 48 VDC with LED



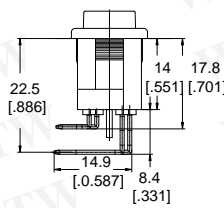
Terminal type



T Type
Quick Connect Tab



R Type
Right Angle PC Through Hole Terminal



L Type
Left Angle PC Through Hole Terminal

Ordering Procedure List

Rating List(一)

	R15A(RA)Series Rocker Switch	R19(R9)Series Rocker Switch	R4 Series Rocker Switch	R5 Series Rocker Switch	R6 Series Rocker Switch	R8 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 2(1)A 125VAC (UL) 16A 250VAC (VDE)						
1		Indicator		Indicator				

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Colour List(二)

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


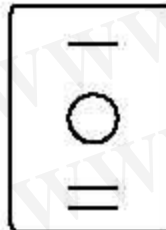
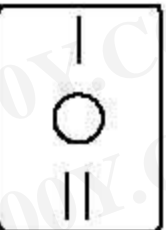


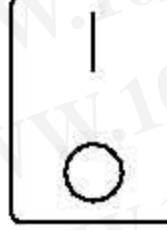

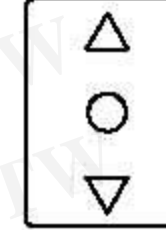






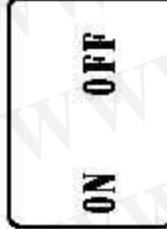

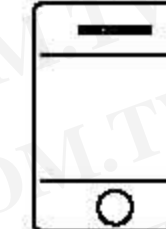

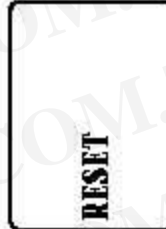
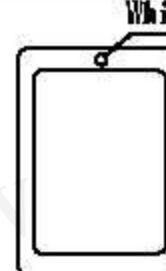

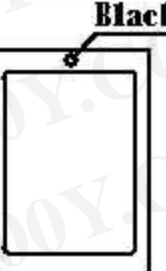

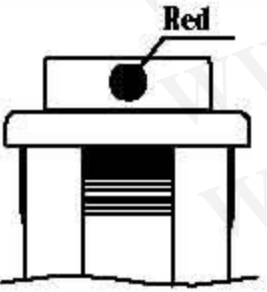
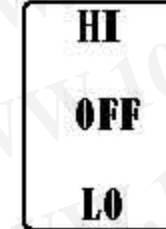
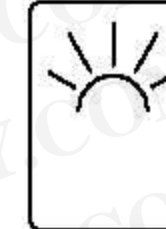
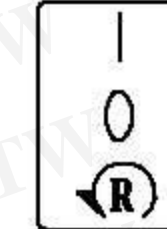
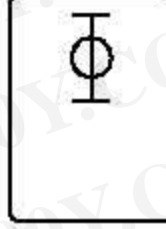


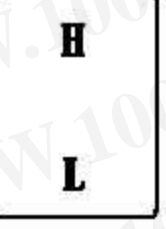

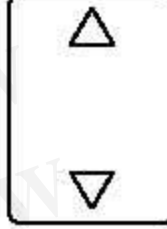

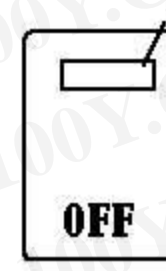
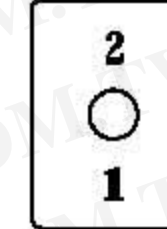


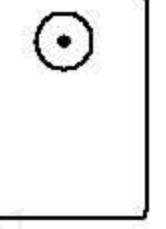
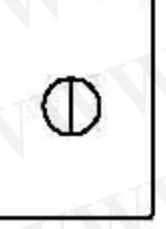
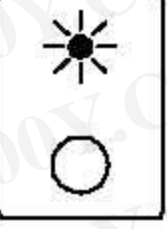



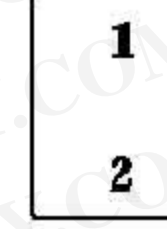


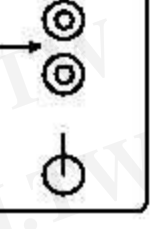


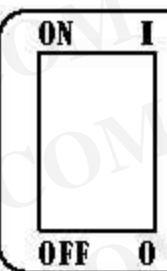

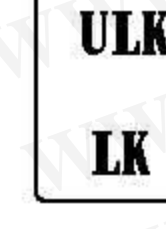
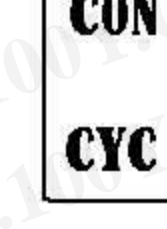








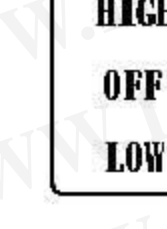

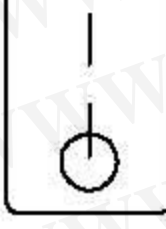

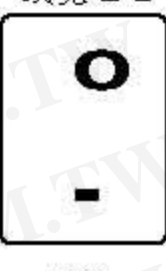


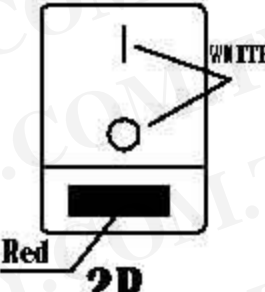
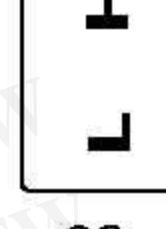





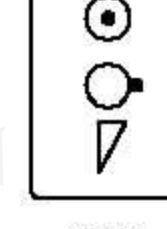

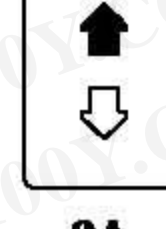


Colour of Lamp List(六)

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










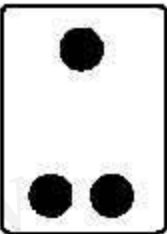
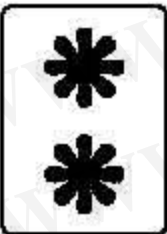



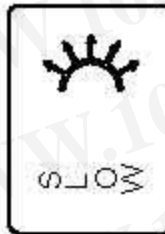
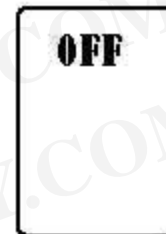








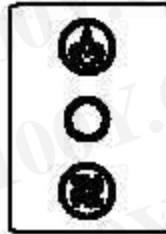

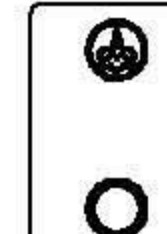



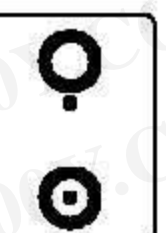


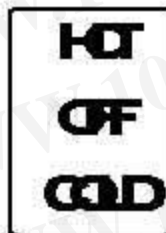



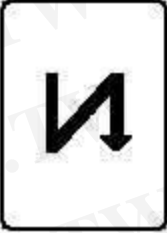
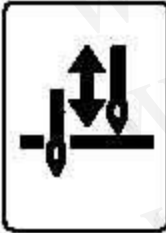
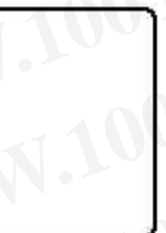





Lamp Name List(五)

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

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 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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