

Rocker Switch R5 Series



SPECIFICATION

- Electrical Rating : 20A 125VAC/16A 250VAC(UL)
10A/15A/16A 250VAC(VDE)
10A 250VAC/15A 125VAC(UL)
- Mechanical life: Over 30000 cycles
- Electrical life: Over 10000 cycles
- Contact resistance: <math><20\text{m}\Omega</math>
- Insulation resistance: >1000M Ω
- High voltage resistance: >1500V 1 min.
- Ambient temperature: Terminal side -20 to +85 $^{\circ}\text{C}$
Actuating side -20 to +55 $^{\circ}\text{C}$
- Storage temperature: -30 to +80 $^{\circ}\text{C}$ Max
- Atmospheric humidity: Max.85%
- Actuating force: 4-8N(depends on different switch function)
- Flammability: UL94 V-2
- Temperature rise at the terminal: Max 30 $^{\circ}\text{C}$ (UL1054)
- Solder ability of terminal: Max 350 $^{\circ}\text{C}$, 3s

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
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MATERIALS

- Housing: Nylon 66
- Rocker: PC & PA66
- Contacts: Silver Alloy
- Terminal: Brass Silver Plated
- Lamp: Neon Lamp, Tungsten Lamp
- Spring: SWP, SUS
- Movable Arm: Brass Silver Plated

HOW TO ORDER

R5 1 5 K K E T 0 F A

Series	Switch Function	Rating	Housing Color	Actuator Color	Marking	Terminal Type	Lamp Voltage	Safety Approval
Series			G Gray W White K Black		See option of marking		0 Without Lamp 1 125V AC 2 250V AC 3 12 VDC 4 24 VDC	F 4 Safety Approvals E None Approval
1	ON-OFF		G Gray W White K Black	Y Yellow(III.) M Green(III.) D Red(III.) F Blue(III.) T White Crystal				
2	ON-ON	2	G Gray W White K Black O Orange R Red B Blue			Quick Connect Tab		
3	ON-OFF-ON	5						
4	ON-(ON)							
5	OFF-(ON)							
6	(ON)-OFF-(ON)							
7	ON-(OFF)							
8	ON-OFF-(ON)							
9	ON-OFF (With Lamp)							

R5/32/62/82
 10A 250VAC
 15A 125VAC(UL)

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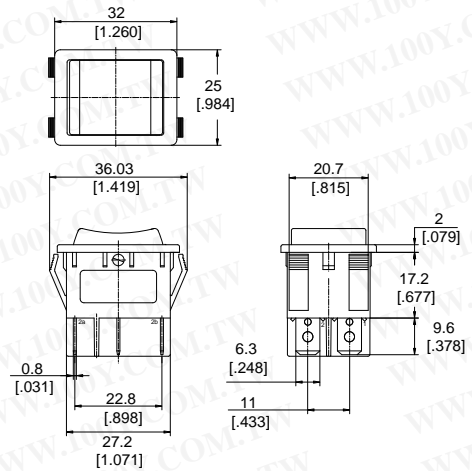
Rocker Switch R5 Series



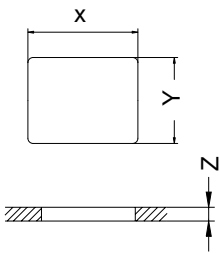
Option of switch function

Item NO	POLES & THROWS	Rocker position ():Momentary		
		Left	Center	Right
R51	DPST	ON	None	OFF
R52	DPDT	ON	None	ON
R53	DPDT	ON	OFF	ON
R54	DPDT	ON	None	(ON)
R55	DPST	OFF	None	(ON)
R56	DPDT	(ON)	OFF	(ON)
R57	DPST	ON	None	(OFF)
R58	DPDT	ON	OFF	(ON)
R59	DPST (WITHLAMP)	ON	None	OFF

Dimension



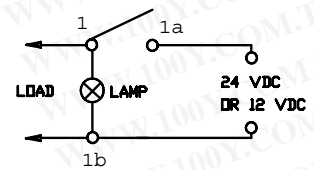
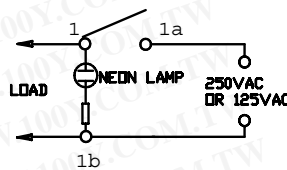
Panel cut out



Z	Y	X
0.70~1.25	22.20~22.30	30.0~30.20
1.25~2.00	22.20~22.30	30.2~30.40
2.00~3.00	22.20~22.30	30.6~30.80

Circuits for switch with lamp

- For circuits of 250V AC or 125V AC
- For circuits of 24V DC or 12V DC



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


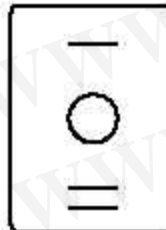
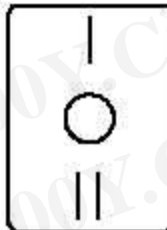


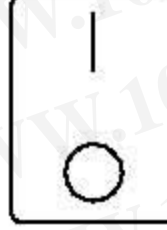

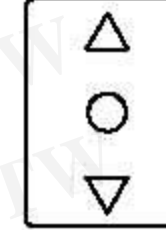






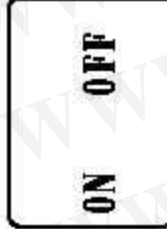

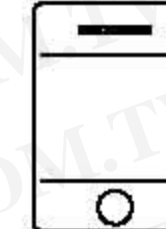

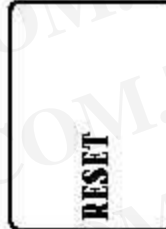
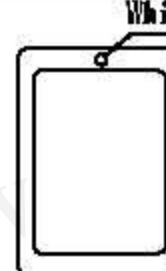



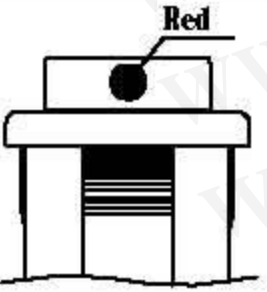
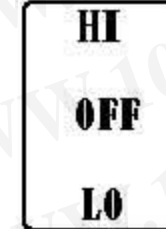
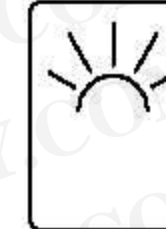
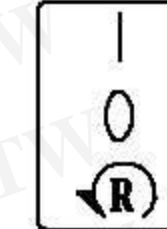
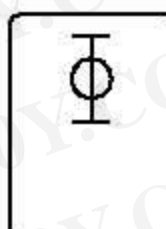




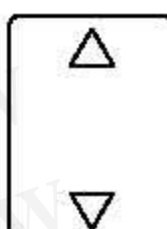
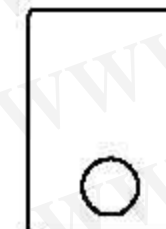

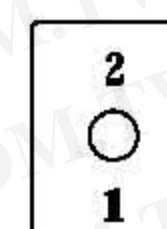


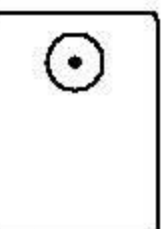
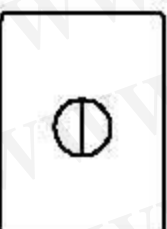
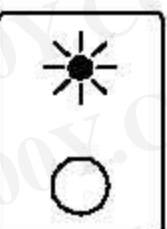
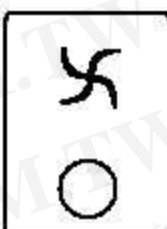


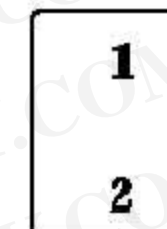


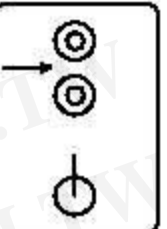

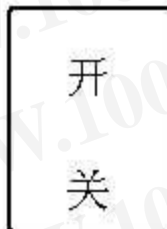
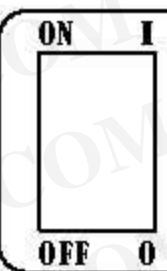
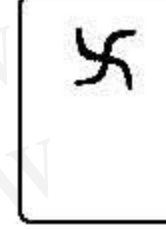



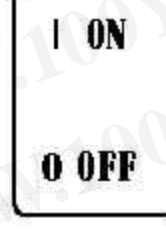
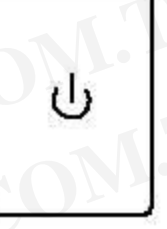

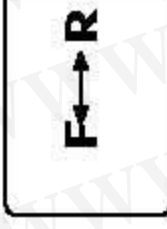


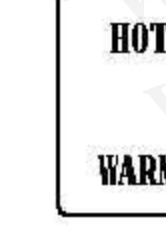
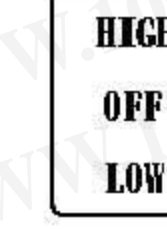

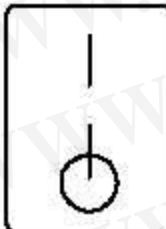



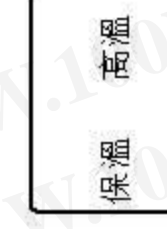
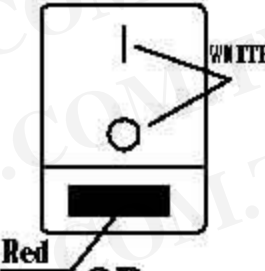
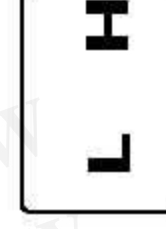



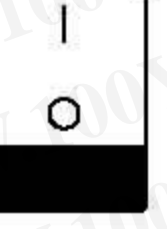
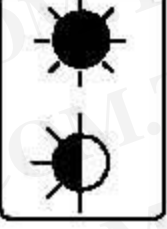
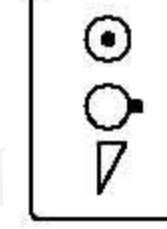

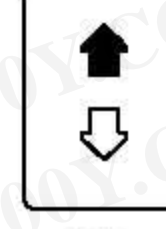

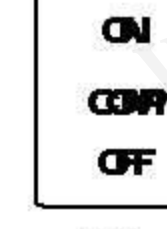
Colour of Lamp List(六)

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








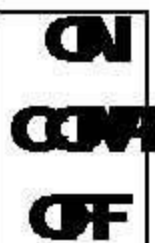

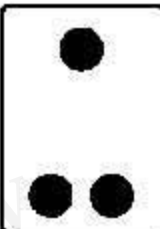







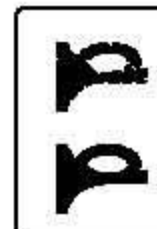






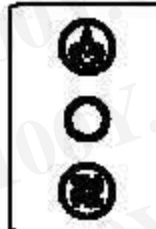



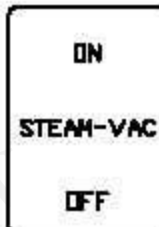
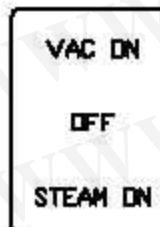



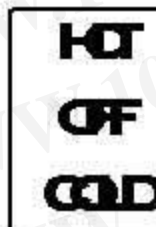

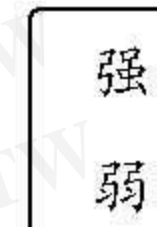

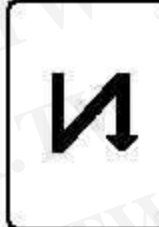
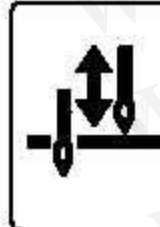






Lamp Name List(五)

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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