



SPECIFICATIONS

Electrical rating : 12A 125VAC 6A 250VAC (UL)
4(1)A 250VAC (VDE)
16A 250VAC/21A 125VAC (UL)
16(6)A 250VAC (VDE) R91, R9D

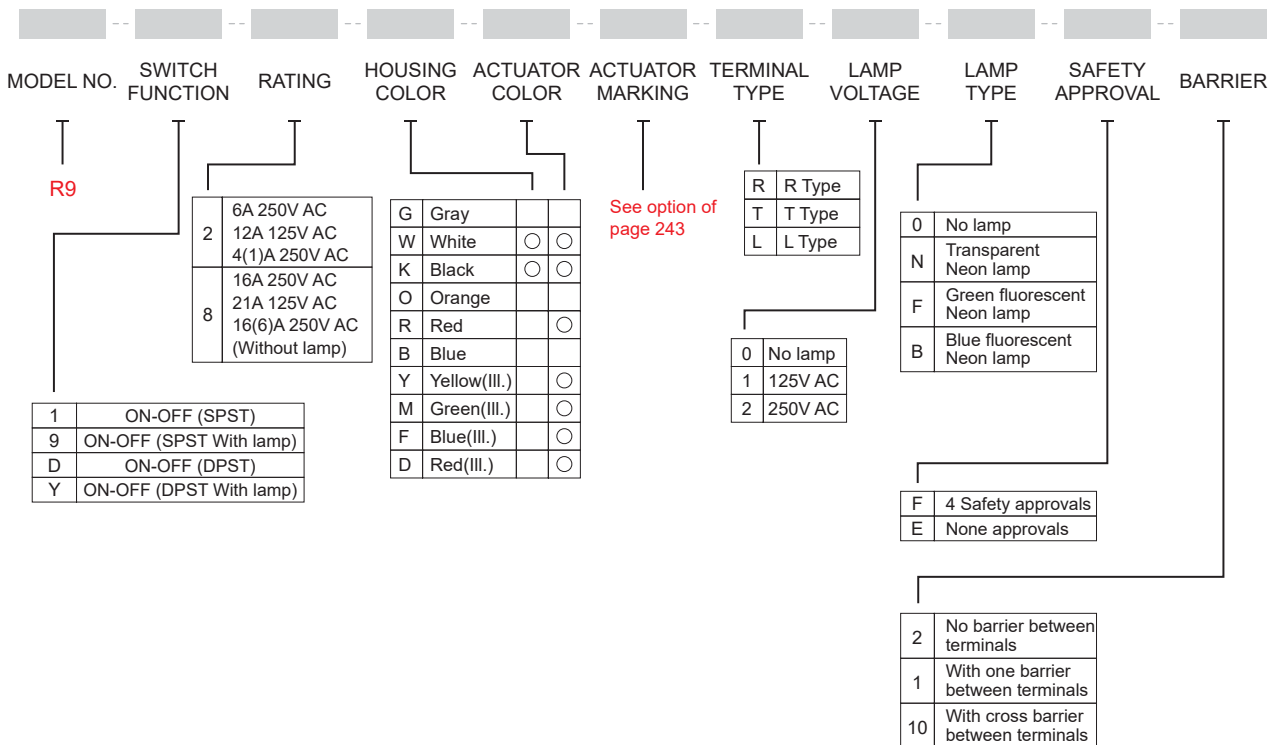
Mechanical life: Over 30000 cycles
Electrical life: Over 10000 cycles
Contact resistance: <20mΩ
Insulation resistance: > 1000MΩ
High voltage resistance: > 1500VAC 1 min.
Ambient temperature: Terminal side -20°C to 85°C
Actuating side -20°C to 55°C

Atmospheric humidity: Max.85%
Actuating force: 4 to 8N (depends on different switch function)
Flammability: UL94V-2
Storage temperature: -30°C to 80°C Max
Temperature rise at the terminal: Max 30°C (UL1054)
Solder ability of terminal: Max 350°C 3s

MATERIALS

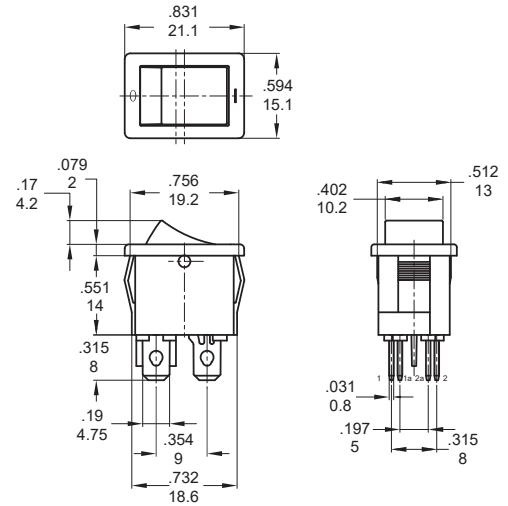
Housing: PA 66
Rocker: PC & PA66
Contacts: Silver alloy
Terminal: Brass silver platrd
Lamp: Neon lamp
Movable arm: Beryllium copper

HOW TO ORDER

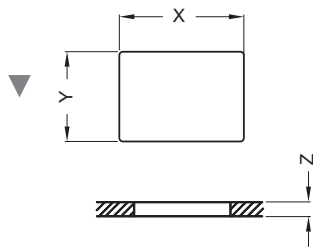


▼ **OPTIONS OF SWITCH FUNCTION & DIMENSION**

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			



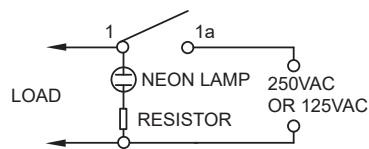
PANEL CUT OUT



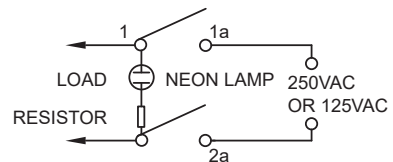
Z	Y	X
0.7~1.25	12.8~12.9	19.2~19.3
1.25~2.0	12.8~12.9	19.3~19.4
2.0~3.0	12.8~12.9	19.5~19.6

▼ **CIRCUITS FOR SWITCH WITH LAMP**

For circuit of 250VAC, 125VAC with neon lamp



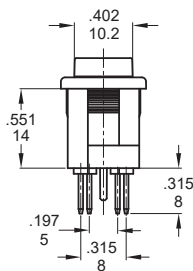
CIRCUIT FOR R99



CIRCUIT FOR R9Y

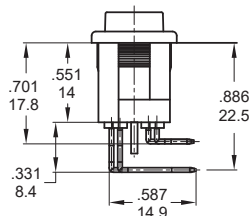
▼ **TERMINAL TYPE**

T Type



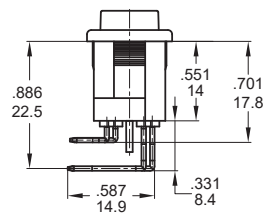
Quick Connect Tab

R Type






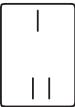
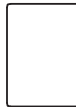
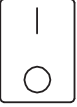



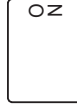




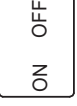
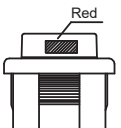
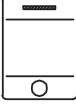

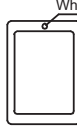

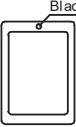
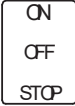




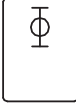

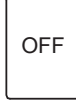


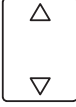
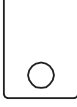

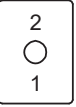


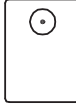
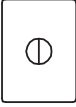


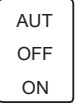

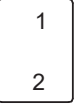
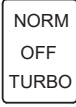

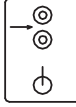


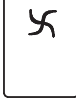

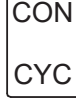

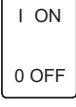

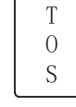
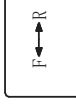


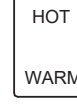
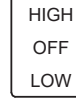
Right angle PC though hole terminal

L Type



Left Angie PC Through Hole Terminal

▼ FOR ROCKER SWITCHES

 A	 B	 C	 D	 E	 F	 G	 H	 I
 J	 K	 L	 M	 N	 O	 P	 Q	 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	 1Y	 1Z	 2A	 2B	 2C	 2D
 2E	 2F	 2G	 2H	 2I	 2J	 2K		