



淮洋有限公司 HUI YANG CO.,LTD.

TEL : 886-2-8261-8986 FAX : 886-2-8261-1885

www.hy1688.com.tw 236新北市土城區中央路二段191號10樓之5

Rocker Switch RA(R19A) Series

SPECIFICATION

- Electrical Rating : 2A 125V AC/250V AC(UL,VDE)
6A 250V AC(standard)(UL,VDE)
15A 125V AC & 8A 250V AC(UL)
- 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: 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: Max 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,phosphorus bronze
- Spring: SWC
- Movable arm: Copper silver plated
- Lamp: LED
- Bracket: PA66



PADDLE
ROCKER

ROUND
ROCKER

WATERPROOF
CAP



HOW TO ORDER

RA	1	2	K	K	F	T	0	F	P
Series	Switch Function	Rating	Housing Color	Actuator Color	Marking	Terminal	Lamp Color	Safe Approval	Actuator Type
Series					See option of marking	See terminal type			
1	ON-OFF		G Gray					F 4 Safety Approvals	
2	ON-ON		W White					B UL CUL	
3	ON-OFF-ON		K Black						
4	ON-(ON)			G Gray					P Paddle Switch
5	OFF-(ON)			W White					R Rocker Switch
6	(ON)-OFF-(ON)			K Black					C Switch Round
7	ON-(OFF)			O Orange		R Red LED			
8	ON-OFF-(ON)	0 2A 250V AC		R Red		Y Yellow LED			
9	ON-OFF(WITH LED)	2 6A 250V AC		B Blue		M Green LED			
		5 8A 250V AC 15A 125V AC				O Without LED			

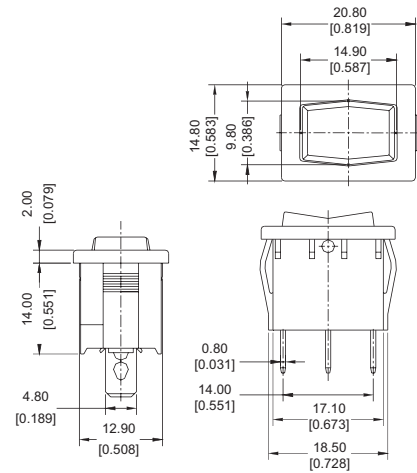
Rocker Switch RA(R19A) Series



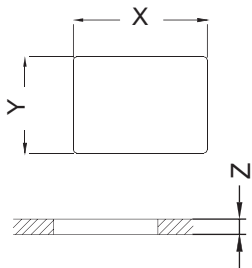
Option of switch function

Item No	POLES & THROWS	Rocker position ():Momentary		
		Left	Center	Right
RA1	SPST	ON	None	OFF
RA2	SPDT	ON	None	ON
RA3	SPDT	ON	OFF	ON
RA4	SPDT	ON	None	(ON)
RA5	SPST	OFF	None	(ON)
RA6	SPDT	(ON)	OFF	(ON)
RA7	SPST	ON	None	(OFF)
RA8	SPDT	ON	OFF	(ON)
RA9	SPST (With LED)	ON	None	OFF

Dimension

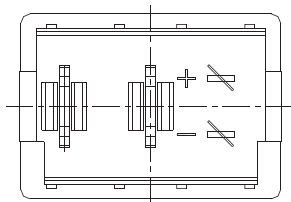


Panel cut out

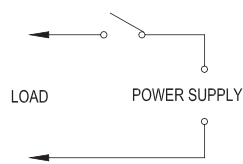


Z	Y	X
0.7~1.25	12.8~12.9	19.2~19.3
1.25~2.0	12.8~12.9	19.3~19.4
2.0~3.0	12.8~12.9	19.5~19.6

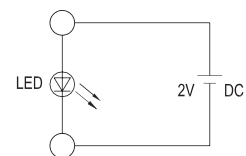
Circuits for switch with lamp



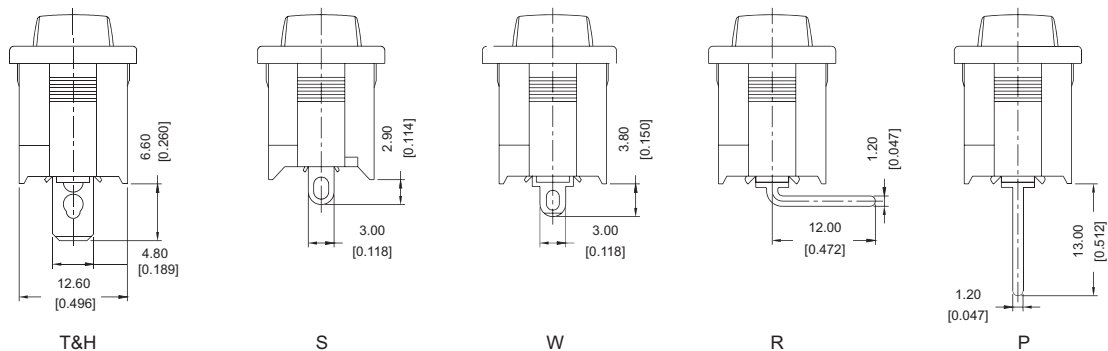
CIRCUIT FOR LOAD












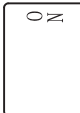





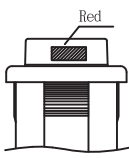

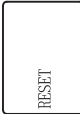
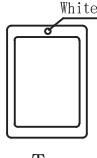
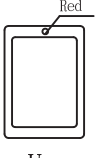
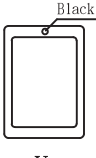
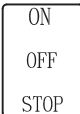

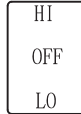


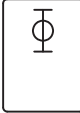






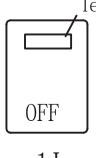
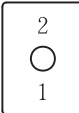


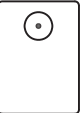

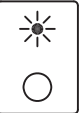



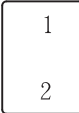


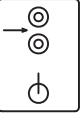
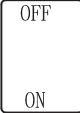
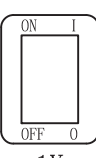


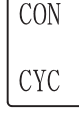

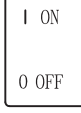

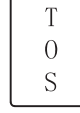
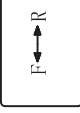



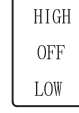
CIRCUIT FOR LED



Terminal type



T(Quick connect tab:Thickness of 0.8mm)
H(Quick connect tab:Thickness of 0.5mm)

 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