Rocker Switch RA(R19A) Series





PADDLE ROCKER | ROUND ROCKER | WATERPROOF CAP

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°
  Act uat i ng side- 20 to +55°
- Atmospheric humidity: Max.85%
- Actuating force: 3 to 6N(depends on different switch function)
- Flammability: UL94V-2 & UL94V-0
- Storage temperature: -30 to +80° Max
- Temperature rise at the terminal: Max 30° (UL1054)
- Solder ability of terminal: Max 350° 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

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

1	ON-OFF
2	ON-ON
3	ON-OFF-ON
4	ON-(ON)
5	OFF-(ON)
6	(ON)-OFF-(ON)
7	ON-(OFF)
8	ON-OFF-(ON)
9	ON-OFF(WITH LED)

Rating

0	2A 250V AC
2	6A 250V AC
5	8A 250V AC 15A 125V AC

Housing Color / Actuator Color

G	Gray
W	White
K	Black
O	Orange
R	Red
B	Blue

Marking

See option of marking

Terminal

See terminal type

Lamp Color

R	Red LED
Y	Yellow LED
M	Green LED
O	Without LED

Safe Approval

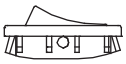
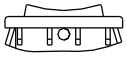
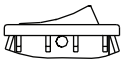
F	4 Safety Approvals
B	UL CUL

Actuator Type

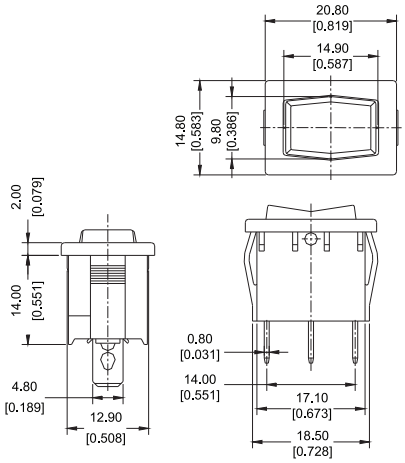
P	Paddle Switch
	Rocker Switch
C	Switch Round

Rocker Switch RA(R19A) Series

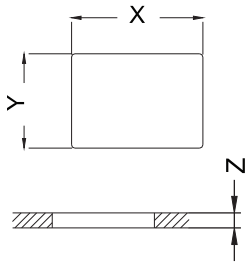
Option of switch function

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

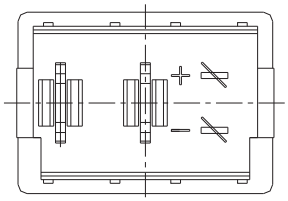


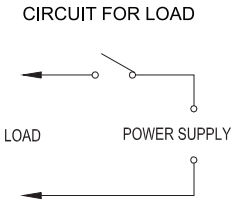
Panel cut out

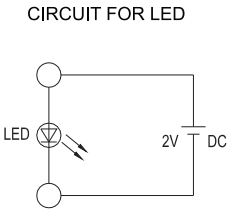


Z	Y	X
0.7~1.25	12.8~12.9	19.2~19.3
1.25~2.0	12.8~12.9	19.3~19.4
2.0~3.0	12.8~12.9	19.5~19.6

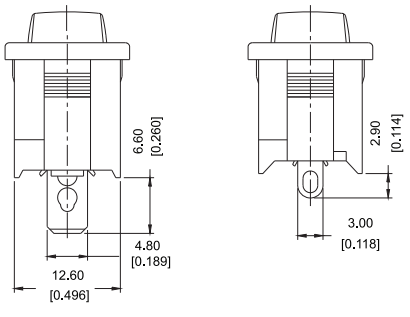
Circuits for switch with lamp







Terminal type



T&H S W R P

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