



KSD-RA(R19A) Series

Rocker Switches



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(R19A)
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KSD

SWITCH CONNECTOR



SPECIFICATIONS

Electrical rating : 6A 250V AC (standard) (UL, VED)
15A 125V AC & 10A 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°C to 85°C
Actuating side -20°C 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°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: PA 66 & PC

Contacts: Silver alloy

Terminal: Copper or brass silver plated, phosphorus bronze

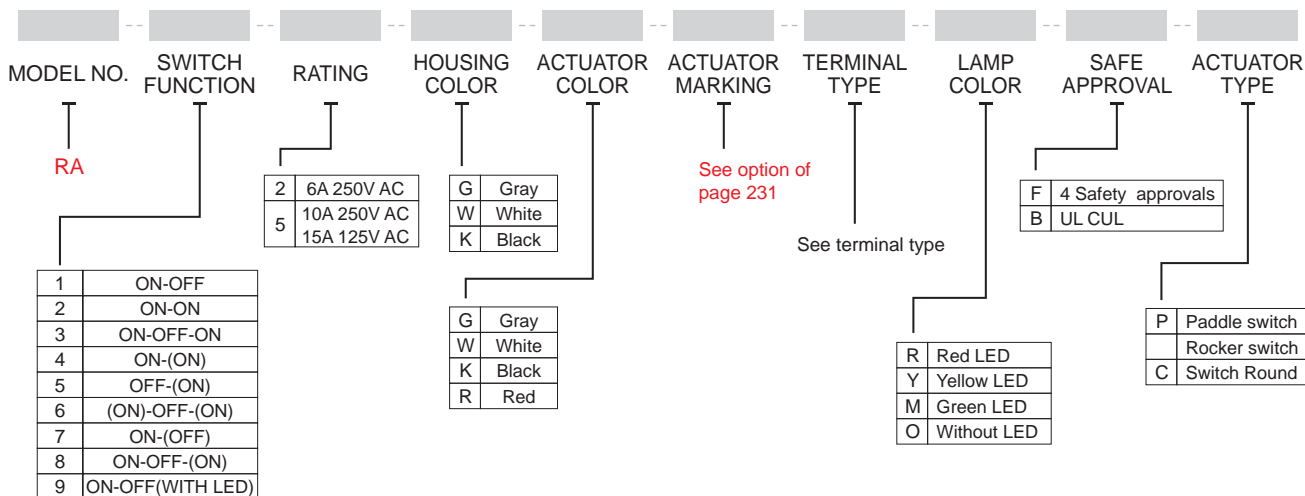
Spring: SWC

Movable arm: Copper silver plated

Lamp: LED

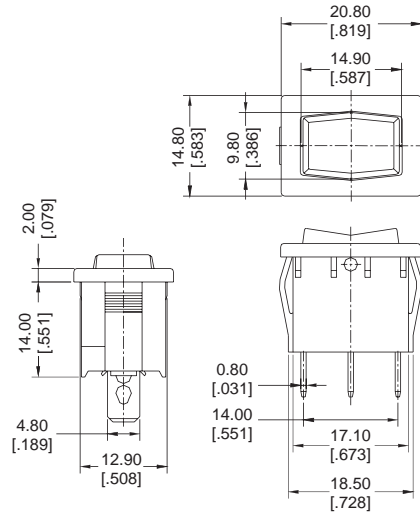
Bracket: PA66

HOW TO ORDER

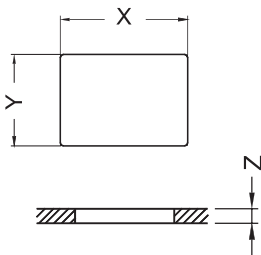


▼ OPTIONS OF SWITCH FUNCTION & DIMENSION

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

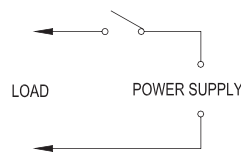
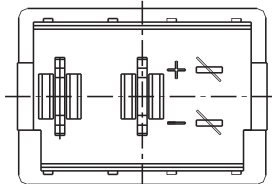


▼ PANEL CUT OUT

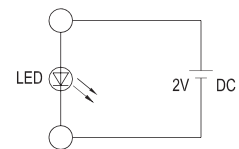


Z	Y	X
0.7~1.25	12.8~12.9	19.2~19.3
1.25~2.0	12.8~12.9	19.3~19.4
2.0~3.0	12.8~12.9	19.5~19.6

▼ CIRCUITS FOR SWITCH WITH LAMP



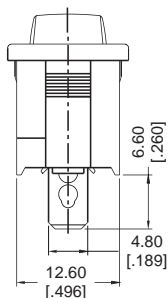
CIRCUIT FOR LOAD



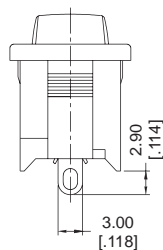
CIRCUIT FOR LED

▼ TERMINAL TYPE

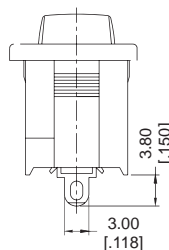
T



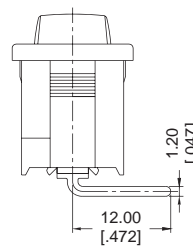
S



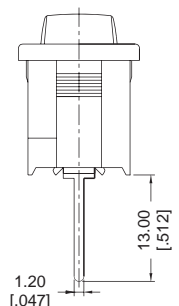
W



R



P



Note: T (Quick connect tab: Thickness of 0.8mm)

▼ 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		