



SPECIFICATION

Electrical Rating : 20A 125VAC/16A 250VAC(UL)
16A 250VAC(VDE)

Mechanical life: Over 30000 cycles

Electrical life: Over 10000 cycles

Contact resistance: <20mΩ

Insulation resistance: >1000MΩ

High voltage resistance: >1500V 1 min.

Ambient temperature: Terminal side -20 to +85°C

Actuating side -20 to +55°C

Storage temperature: -30 to +80°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°C (UL1054)

Solder ability of terminal: Max 350°C, 3s

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

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 Lamp)

W	White
K	Black

W	White
K	Black
R	Red

Y	Yellow(III.)
M	Green(III.)
D	Red(III.)
F	Blue(III.)

See option of
marking
(See Page 170)

5	16A 250VAC 20A 125VAC
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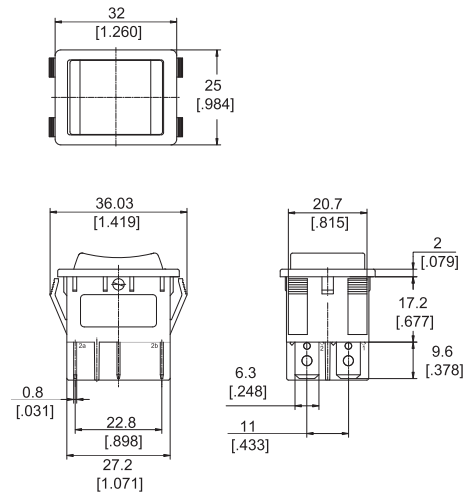
Quick Connect
Tab

0	Without Lamp
1	125V AC
2	250V AC
3	12 VDC
4	24 VDC

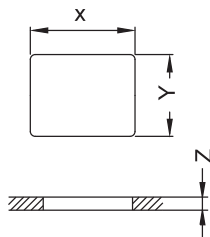
F	4 Safety Approvals
E	None Approval

OPTIONS OF SWITCH FUNCTION / DIMENSION

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



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 circuit of 250V AC or 125V AC
For circuit of 24V DC or 12V DC

