

X2-R4 Series

Rocker Switches



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℃
Actuating side -20 to +55℃
Storage temperature: -30 to +80℃ 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℃ (UL1054)
Solder ability of terminal: Max 350℃, 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

X2-R4 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)

G	Gray
W	White
K	Black

G	Gray
W	White
K	Black
O	Orange
R	Red

See option of marking
(See Page 233)

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

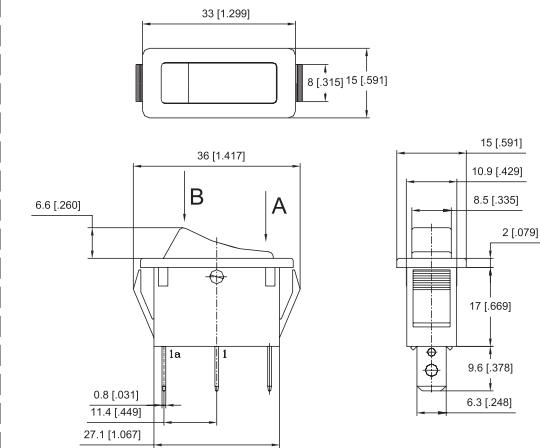
F	4 Safety Approvals
E	None Approval

Quick Connect Tab

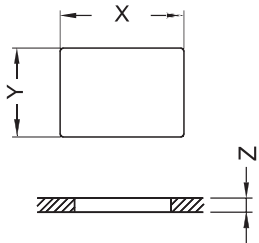
5	15A 250VAC 20A 125VAC
---	--------------------------

OPTIONS OF SWITCH FUNCTION / DIMENSION

Item NO	POLES &THROWS	Rocker position ():Momentary		
		Left	Center	Right
X2-R41	SPST	ON	None	OFF
X2-R42	SPDT	ON	None	ON
X2-R43	SPDT	ON	OFF	ON
X2-R44	SPDT	ON	None	(ON)
X2-R45	SPST	OFF	None	(ON)
X2-R46	SPDT	(ON)	OFF	(ON)
X2-R47	SPST	ON	None	(OFF)
X2-R48	SPDT	ON	OFF	(ON)
X2-R49	SPST (WITHLAMP)	ON	None	OFF



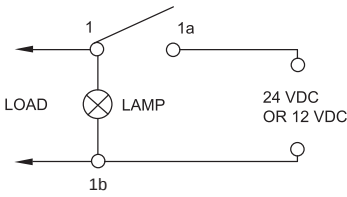
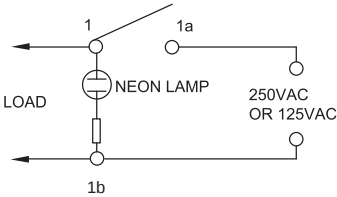
PANEL CUT OUT



Z	Y	X
0.70~1.25	11.10~11.20	29.60~29.70
1.25~2.00	11.10~11.20	30.10~30.20
2.00~3.00	11.10~11.20	30.45~30.55

CIRCUITS FOR SWITCH WITH LAMP

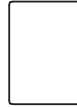
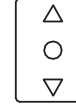
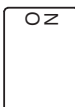
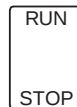
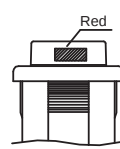
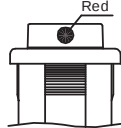
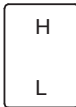
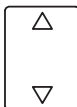
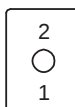
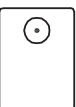
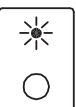
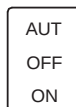
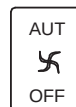
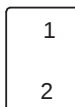
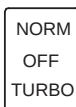
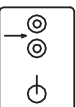
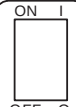
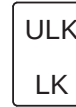
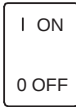
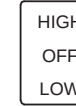
For circuit of 250V AC or 125V AC
For circuit of 24V DC or 12V DC



X2-R4
Rocker Switches

CAP MARKING

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		