

X2-R5 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°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



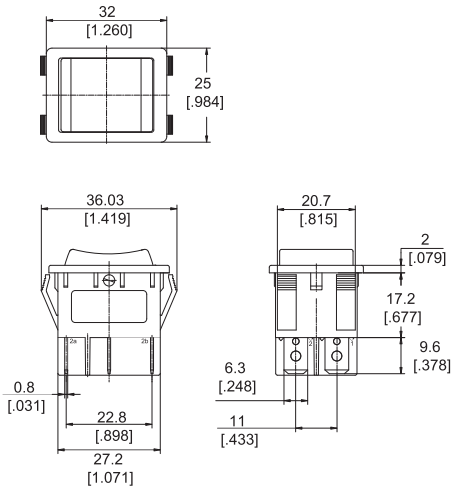
HOW TO ORDER

X2-R5 1 5 K K E T 0 F A

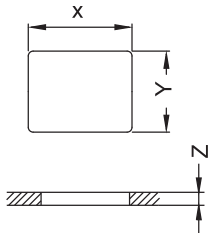
Series	Switch Function	Rating	Housing Color	Actuator Color	Marking	Terminal Type	Lamp Voltage	Safety Approval
Series			W White K Black		See option of marking (See Page 233)	0 Without Lamp 1 125V AC 2 250V AC 3 12 VDC 4 24 VDC		F 4 Safety Approvals E None Approval
1 ON-OFF 2 ON-ON 3 ON-OFF-ON 4 ON-(ON) 5 OFF-(ON) 6 (ON)-OFF-(ON) 7 ON-(OFF) 8 ON-OFF-(ON) 9 ON-OFF (With Lamp)		5 16A 250VAC 20A 125VAC	W White K Black R Red	Y Yellow(III.) M Green(III.) D Red(III.) F Blue(III.)				Quick Connect Tab

OPTIONS OF SWITCH FUNCTION / DIMENSION

Item NO	POLES &THROWS	Rocker position ():Momentary		
		Left	Center	Right
X2-R51	DPST	ON	None	OFF
X2-R52	DPDT	ON	None	ON
X2-R53	DPDT	ON	OFF	ON
X2-R54	DPDT	ON	None	(ON)
X2-R55	DPST	OFF	None	(ON)
X2-R56	DPDT	(ON)	OFF	(ON)
X2-R57	DPST	ON	None	(OFF)
X2-R58	DPDT	ON	OFF	(ON)
X2-R59	DPST (WITHLAMP)	ON	None	OFF



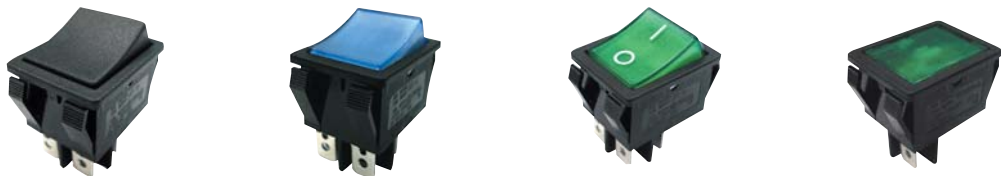
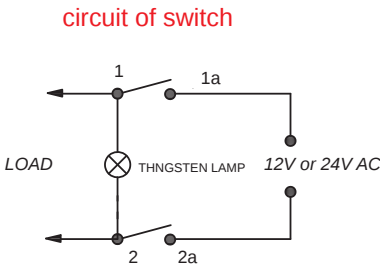
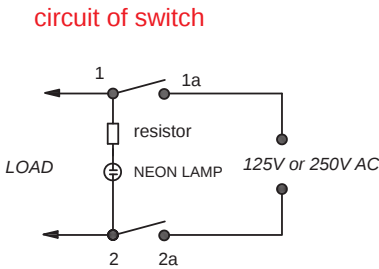
PANEL CUT OUT



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

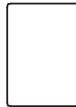
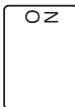
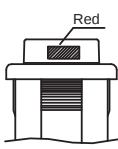
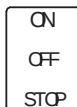
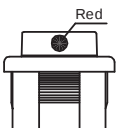
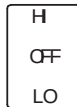
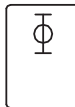
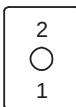
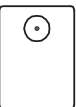
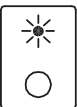
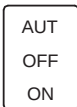
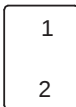
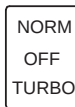
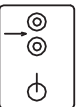
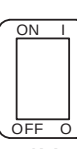
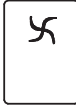
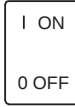
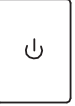
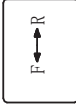
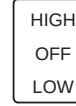
CIRCUITS FOR SWITCH WITH LAMP

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



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		