




Related certification

/Standard	/signal	
UII 508		
EN60947-1 EN60947-5-1		UL Recognized File No.E307512
GB 14048.5		

Specifications

Degree of Protection	IP 65 Watertight /Oiltight
Contact Configuration	Single Pole, Double Pole
Maximum Voltage	250V AC/DC
Thermal Current	5A
Minimum Applicable Load	5V AC/DC, 1mA
Contact Material	Gold-plated silver
Terminal Style	.110" Solder/Quick Connect
Operating Temperature	-25°C to +55°C
Operating Humidity	45 to 85% RH
Contact Resistance	50MΩ maximum
Insulation Resistance	100MΩ minimum (500V DC megger)
Vibration Resistance	10 to 55Hz, amplitude 1.2mm p-p
Degree of Protection	>10g
Electrical Life	100,000 operations minimum (at full rated load)
Mechanical Life	Maintained: 1,000,000 operations minimum Momentary: 1,000,000 operations minimum Selector/Keylock: 250, 000 operations minimum
Dielectric Strength	Switch Unit: 2,000V AC, 1min. between live/dead part and terminals of different poles; 1,000V AC, 1 minute between terminals of the same pole; 1,500V AC, 1 minute between contact and lamp terminals. Illumination Unit: 2,000V AC, 1min. between live Part/ground
Soldering Temperature	20W/5 Seconds or 260C/3 seconds

Contact Ratings

Working voltage		24V	110V	220V
AC (50/60Hz)	Resistive	—	1.0A	0.5A
	Inductive	—	0.7A	0.5A
DC	Resistive	1.0A	0.2A	—
	Inductive	0.7A	0.1A	—

LED / LED Ratings

Rated Voltage	Current
5V DC ± 5%	8mA
6V AC/DC (± 10%)	AC: A, R, W, Y: 8mA G, S: 7mA
	DC: A, R, W, Y: 6mA G, S: 5mA
12V AC/DC (± 10%)	AC: 9mA DC: 8mA
24V AC/DC (± 10%)	AC: 9mA DC: 8mA




















































Selector Switch Series

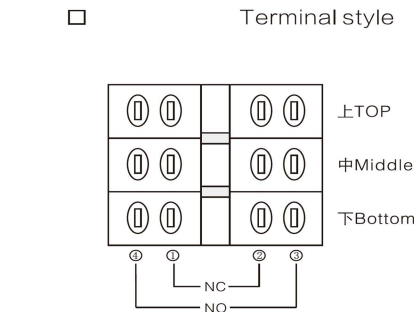
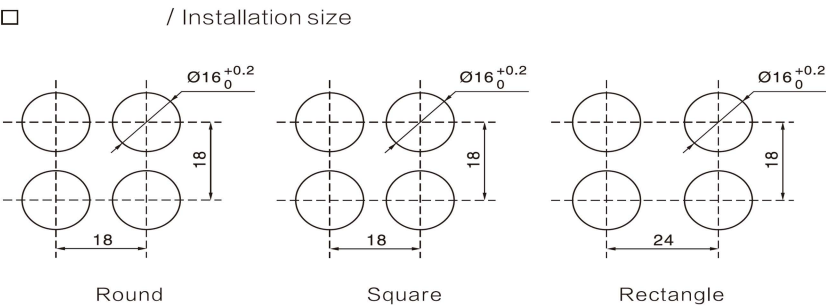
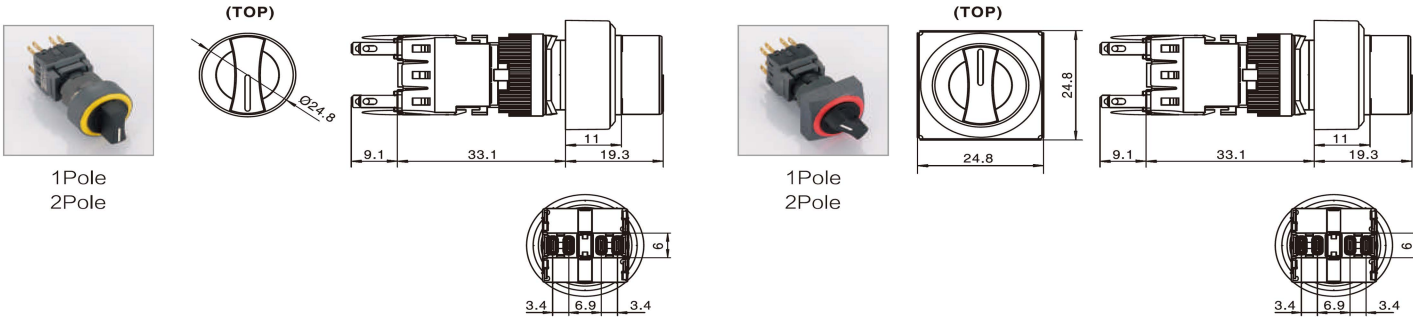


Features

- Installation diameter: 16/22mm
- Degree of Protection: IP65
- Silver Plated of contact: 3 μ
- Compact and could be separate design
- Momentary, Maintained, Selector and E-stops
- LED
 - Super bright LED cold light source lamp display

Selector Switch Series

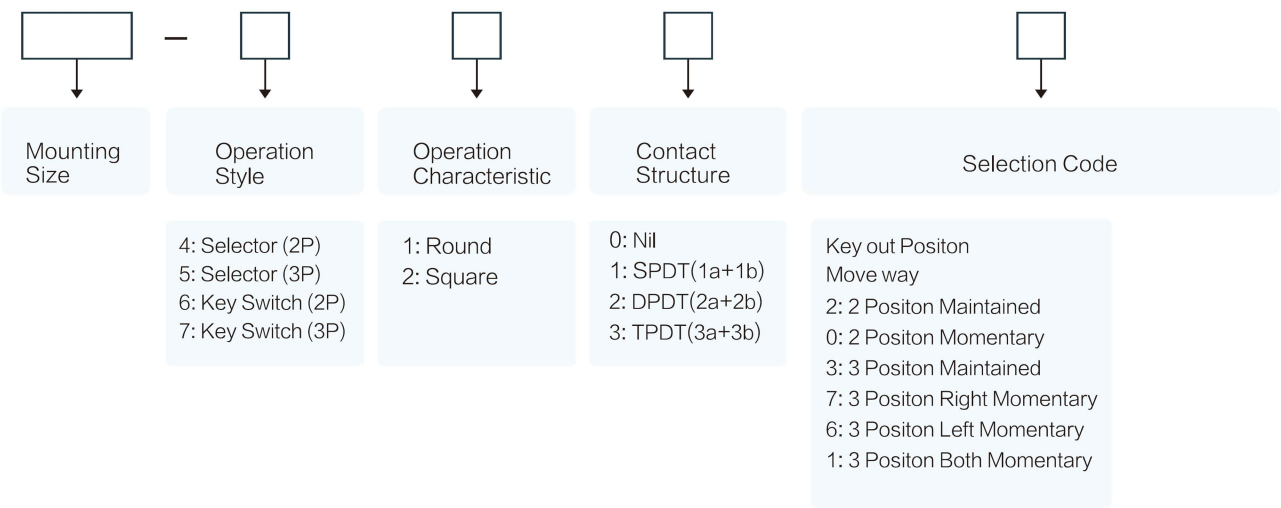
Product appearance	Operation			Contact	Model	Ring Color
<div>/ Round</div>  <div> UL Recognized File No. E307512  </div>	90° 2 2 Postion		Maintained	SPDT	M16-4112 ■	<div> /Red</div> <div> /Green</div> <div> /Yellow</div> <div> /White</div> <div> /Blue</div>
			Momentary	SPDT	M16-4110 ■	
			Maintained	DPDT	M16-4122 ■	
	90° 3 3 Postion		Momentary	DPDT	M16-4120 ■	
			Maintained	DPDT	M16-5123 ■	
			Left lock Right reset	DPDT	M16-5127 ■	
			Left reset Right lock	DPDT	M16-5126 ■	
			Momentary	DPDT	M16-5121 ■	
			Maintained	TPDT	M16-5133 ■	
			Left lock Right reset	TPDT	M16-5137 ■	
			Left reset Right lock	TPDT	M16-5136 ■	
			Momentary	TPDT	M16-5131 ■	
			Maintained	SPDT	M16-4212 ■	
			Momentary	SPDT	M16-4210 ■	
			Maintained	DPDT	M16-4222 ■	
			Momentary	DPDT	M16-4220 ■	
<div>/ Square</div>  <div> UL Recognized File No. E307512  </div>	90° 2 2 Postion		Maintained	SPDT	M16-4212 ■	<div> /Red</div> <div> /Green</div> <div> /Yellow</div> <div> /White</div> <div> /Blue</div>
			Momentary	SPDT	M16-4210 ■	
			Maintained	DPDT	M16-4222 ■	
	90° 3 3 Postion		Momentary	DPDT	M16-5223 ■	
			Left lock Right reset	DPDT	M16-5227 ■	
			Left reset Right lock	DPDT	M16-5226 ■	
			Momentary	DPDT	M16-5221 ■	
			Maintained	TPDT	M16-5233 ■	
			Left lock Right reset	TPDT	M16-5237 ■	
			Left reset Right lock	TPDT	M16-5236 ■	
			Momentary	TPDT	M16-5231 ■	
			Maintained	SPDT	M16-4212 ■	
			Momentary	SPDT	M16-4210 ■	
			Maintained	DPDT	M16-4222 ■	
			Momentary	DPDT	M16-4220 ■	
			Maintained	DPDT	M16-4222 ■	
			Momentary	DPDT	M16-4220 ■	




















- As shown at right, the base of product to be seen as front side, which show terminal disposition and inside coil drawing.
- Product assemble contact 1C(1a+1b), if needed, Please appoint to add at least 3C(1a+1b)

Selector Switch Series

■ How to Order



Sort	Reset Style				Key out Positon							
	/Maintained	/Momentary										
3Positon												
Code	2	0			A	B		D				
3Positon												
Code	3	7	6	1	A	B	C	D	E	F	G	

Selector/Key basic rotation angle 90°