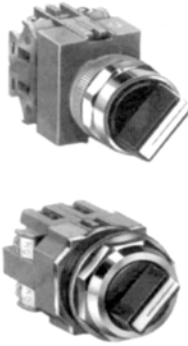


## TW Ø 7/8" AND TWTD Ø 1-13/64" SERIES

### Contact Ratings and Specifications

#### (Selector Switches and Pushbuttons)

**Contact Resistance:** 50 mΩ maximum (initial value)  
**Insulation Resistance:** 100 MΩ minimum, between live/dead parts  
**Dielectric Strength:** 2500V AC 1 minute, between live/dead parts  
**Mechanical Life (minimum):** Illuminated and Non-illuminated  
**Selector Switches-** 500,000 operations  
**Electrical Life (minimum):** 500,000 operations  
**Operating Frequency:** 30 operations/minute  
**Duty Rate:** 40%  
**Rated Operating Current (Resistive Loads):**  
 120V AC/10A, 12V DC/4A  
 240V AC/6A, 24V DC/4A  
**Rated Thermal Current:** 10A  
**Minimum Switching Capacity:** 5 mA @ 3V AC/DC  
**Rated Insulation Voltage:** 600V AC/DC  
**UL Rating:** A600 (Heavy Duty Pilot)  
**Approvals:** UL Listed, CSA Certified, DEmpko and CE marked



### NEMA Ratings

Illuminated and Non-illuminated Pushbuttons, Pilot Lights, Illuminated and Non-illuminated Selector Switches	1, 2, 3, 3R, 4, 4X, 5, 12, 13
Keylock Switches	1, 2, 3R, 5, 13

### Contact Arrangements and Operator Positions

The following contact arrangements and operator positions are universal for all TW and TWTD selector switches which are maintained and/or illuminated.

		Left	Center	Right
2-Position 1NO-1NC		0	--	X
		X	--	0
2-Position 2NO-2NC		0	--	X
		X	--	0
		0	--	X
		X	--	0
3-Position 2NO		X	0	0
		0	0	X
3-Position 2NO-2NC		X	0	0
		0	0	X
		0	X	X
		X	X	0

Key: X = Closed 0 = Open XX = Overlapping contacts

### TW Series Illuminated Selector Switches - 7/8" (22mm)

Positions	Contacts	Type	LED	Incandescent
2	1NO-1NC	Transformer Full Voltage	ASLW2 ① 611D-②	ASLW2 ① 611-②
		Transformer Full Voltage	ASLW29911D-②-③	ASLW29911-②-③
2	2NO-2NC	Transformer Full Voltage	ASLW2 ① 622D-②	ASLW2 ① 622-②
		Transformer Full Voltage	ASLW29922D-②-③	ASLW29922D-②-③
3	2NO	Transformer Full Voltage	ASLW3 ① 620D-②	ASLW3 ① 620-②
		Transformer Full Voltage	ASLW39920D-②-③	ASLW39920-②-③
3	2NO-2NC	Transformer Full Voltage	ASLW3 ① 622D-②	ASLW3 ① 622-②
		Transformer Full Voltage	ASLW39922D-②-③	ASLW39922-②-③

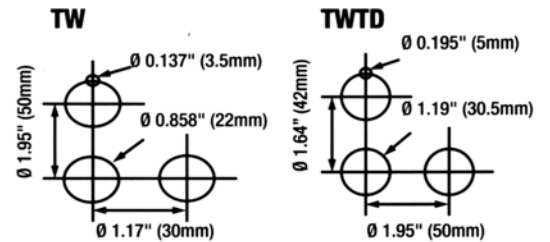
### TWTD Series Illuminated Selector Switches - 1-13/64" (30mm)

Positions	Contacts	Type	LED	Incandescent
2	1NO-1NC	Transformer Full Voltage	ASLD2 ① 611DN-②	ASLD2 ① 611N-②
		Transformer Full Voltage	ASLD29911DN-②-③	ASLD29911N-②-③
2	2NO-2NC	Transformer Full Voltage	ASLD2 ① 622DN-②	ASLD2 ① 622N-②
		Transformer Full Voltage	ASLD29922DN-②-③	ASLD29922DN-②-③
3	2NO	Transformer Full Voltage	ASLD3 ① 620DN-②	ASLD3 ① 620N-②
		Transformer Full Voltage	ASLD39920DN-②-③	ASLD39920N-②-③
3	2NO-2NC	Transformer Full Voltage	ASLD3 ① 622DN-②	ASLD3 ① 622N-②
		Transformer Full Voltage	ASLD39922DN-②-③	ASLD39922N-②-③

### TW and TWTD Series Knob Operators

Positions	Contacts	TW (7/8")	TWTD (1-13/64")
2	1NO-1NC	ASW211	ASD211N
	2NO-2NC	-222	-222N
3	2NO	-320	-320N
	2NO-2NC	-322	-322N

### Panel Cut Out Dimensions



#### ① Voltage

LED	Incandescent
12 - 120V AC	12 - 120V AC
24 - 240V AC	24 - 240V AC
<b>Note:</b> 6V LED used with AC Adaptor.	48 - 480V AC

**Note:** 6V Lamp used with transformer.

#### ② Color

LED	Incandescent
A = amber	A = amber
G = green	G = green
R = red	R = red
W = white	S = blue
Y = yellow	W = white

#### ③ Lamp Voltage

LED	Incandescent
6 - 6V DC	6 - 6V AC/DC
12 - 12V AC/DC	12 - 12V AC/DC
24 - 24V AC/DC	24 - 24V AC/DC
120 - 120V AC	