

Illuminated Selector Switches (Assembled)



Assembled Illuminated Selector Switches

A SL W 2 (2) 99 11 (D) - (103) - R - (24V)

Function

SL: Illuminated Selector Switch

Series Designation

W: TW series

Number of Positions

2: 2-Position

3: 3-Position

Spring Return Action

Blank: Maintained

1: Spring return from Right

2: Spring return from Left

3: Two-Way spring return from Left and Right

Illumination Circuit

99: Full Voltage (lamp determines voltage)

126: 120V AC Step Down Transformer

246: 240V AC Step Down Transformer

486: 480V AC Step Down Transformer

Lamp Voltage

(Full Voltage Units Only)

6V: 6V AC/DC

12V: 12V AC/DC

24V: 24V AC/DC

120V: 120V AC

240V: 240V AC

Lens Color Code

A: Amber

G: Green

R: Red

S: Blue

W: White

Y: Yellow

Contact Circuit Number

Standard circuits are listed on the following pages and 720.

Lamp Type

D: LED Lamp

Contact Arrangement

10: 1NO

01: 1NC

20: 2NO

02: 2NC

40: 4NO

04: 4NC

11: 1NO-1NC

22: 2NO-2NC



1. Use only when interpreting part numbers. Do not use for developing part numbers.
2. All transformers step down to 6V (use 6V lamp).

Illuminated Selector Switches(Assembled) continued

Illuminated 2-Position Selector Switches

Style				Lamp Circuit Type	Part Number		
Contact	Mounting	Operator Position			Maintained	Spring Return from Right	Spring Return from Left
							
1NO 1NC	1 2	O X	X O	Transformer Full Voltage	ASLW2 ① 11D-② ASLW29911D-②-③	ASLW21 ① 11D-② ASLW219911D-②-③	ASLW22 ① 11D-② ASLW229911D-②-③
2NO	1 2	O O	X X	Transformer Full Voltage	ASLW2 ① 20D-② ASLW29920D-②-③	ASLW21 ① 20D-② ASLW219920D-②-③	ASLW22 ① 20D-② ASLW229920D-②-③
2NC	1 2	X X	O O	Transformer Full Voltage	ASLW2 ① 02D-104-② ASLW29902D-104-②-③	ASLW21 ① 02D-104-② ASLW219902D-104-②-③	ASLW22 ① 02D-104-② ASLW229902D-104-②-③
2NO 2NC	1 2 3 4	O X O X	X O X O	Transformer Full Voltage	ASLW2 ① 22D-② ASLW29922D-②-③	ASLW21 ① 22D-② ASLW219922D-②-③	ASLW22 ① 22D-② ASLW229922D-②-③

① Transformer Voltage Codes

Voltage	Code
120VAC	126
240VAC	246
480VAC	486



Transformers step down to 6V (use 6V LED).

② LED/Lens Color Codes

Color	Code
Amber	A
Green	G
Red	R
Blue	S
White	W
Yellow	Y

Illuminated 3-Position Selector Switches, Maintained and Spring Return from Right

Style						Part Number			
Contact	Mounting	Operator Position			Lamp Circuit Type	Maintained	Spring Return From Right	Spring Return from Left	Spring Return Two-Way
		L	C	R					
2NO	1	X	O	O	Transformer Full Voltage	ASLW3 ① 20D-②	ASLW31 ① 20D-②	ASLW32 ① 20D-②	ASLW33 ① 20D-②
	2	O	O	X		ASLW39920D-②-③	ASLW319920D-②-③	ASLW329920D-②-③	ASLW339920D-②-③
2NC	1	O	X	X	Transformer Full Voltage	ASLW3 ① 02D-②	ASLW31 ① 02D-②	ASLW32 ① 02D-②	ASLW33 ① 02D-②
	2	X	X	O		ASLW39902D-②-③	ASLW319902D-②-③	ASLW329902D-②-③	ASLW339902D-②-③
2NO 2NC	1	X	O	O	Transformer Full Voltage	ASLW3 ① 22D-②	ASLW31 ① 22D-②	ASLW32 ① 22D-②	ASLW33 ① 22D-②
	2	O	O	X		ASLW39922D-②-③	ASLW319922D-②-③	ASLW329922D-②-③	ASLW339922D-②-③
	3	O	X	X					
	4	X	X	O					
2NO 2NC	1	X	O	X	Transformer Full Voltage	ASLW3 ① 22D-309-②	ASLW31 ① 22D-309-②	ASLW32 ① 22D-309-②	ASLW33 ① 22D-309-②
	2	X	X	O		ASLW39922D-309-②-③	ASLW319922D-309-②-③	ASLW329922D-309-②-③	ASLW339922D-309-②-③
	3	O	X	O					
	4	O	O	X					
2NO 2NC	1	O	X	O	Transformer Full Voltage	ASLW3 ① 22D-310-②	ASLW31 ① 22D-310-②	ASLW32 ① 22D-310-②	ASLW33 ① 22D-310-②
	2	O	O	X		ASLW39922D-310-②-③	ASLW319922D-310-②-③	ASLW329922D-310-②-③	ASLW339922D-310-②-③
	3	O	X	O					
	4	O	O	X					
4NO	1	X	O	O	Transformer Full Voltage	ASLW3 ① 40D-②	ASLW31 ① 40D-②	ASLW32 ① 40D-②	ASLW33 ① 40D-②
	2	O	O	X		ASLW39940D-②-③	ASLW319940D-②-③	ASLW329940D-②-③	ASLW339940D-②-③
	3	X	O	O					
	4	O	O	X					
4NC	1	O	X	X	Transformer Full Voltage	ASLW3 ① 04D-②	ASLW31 ① 04D-②	ASLW32 ① 04D-②	ASLW33 ① 04D-②
	2	X	X	O		ASLW39904D-②-③	ASLW319904D-②-③	ASLW329904D-②-③	ASLW339904D-②-③
	3	O	X	X					
	4	X	X	O					



1. In place of ①, specify the Transformer Voltage Code.
2. In place of ②, specify the Lens/LED Color Code.
3. In place of ③, specify the Full Voltage Code.
4. For custom contact configurations, see page 720.
5. Light is independent of switch position.
6. Yellow selector switch comes with white LED.

③ Full Voltage Codes

Voltage	Code
6V AC/DC	6V
12V AC/DC	12V
24V AC/DC	24V
120V AC	120V
240V AC	240V

Illuminated Selector Switches (Sub-Assembled)

Transformer*	+	Contact Block	+	Operator	+	Lamp/Lead Holder [†]	+	LED	+	Lens	=	Complete Part
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 *Full voltage units use a full voltage adaptor TW-DA1FB (even number of blocks) OR HW-DA1FBN (odd number of blocks) instead of a transformer.
[†]Lamp holder is not included with operators, order separately.

Operators

Style	Positions	Description	Part Number
	2	Maintained	ASLW200
		Spring return from right	ASLW2100
		Spring return from left	ASLW2200
	3	Maintained, cam 1	ASLW300-1
		Maintained, cam 2	ASLW300-2
		Maintained, cam 3	ASLW300-3
	3	Spring return from right, cam 1	ASLW3100-1
		Spring return from right, cam 2	ASLW3100-2
	3	Spring return from left, cam 1	ASLW3200-1
		Spring return from left, cam 2	ASLW3200-2
	3	Spring return from left/right, cam 1	ASLW3300-1
		Spring return from left/right, cam 2	ASLW3300-2

 Different cams produce different contact action. For details, see Contact Arrangements on page 720.

Lenses (Knobs)

Style	Part Number
Knob  	ASLWLU-②

 In place of ②, specify the lens color code from table.

Lamps

Style	Voltage	Part Number
	6V AC/DC	LSTD-6②
	12V AC/DC	LSTD-1②
	24V AC/DC	LSTD-2②
	120V AC	LSTD-H2②
	240V AC	LSTD-M4②

 1. In place of ②, specify the LED color code.
 2. The LED contains a current-limiting resistor and a protection diode.

② LED/Lens Color Codes

Color	Code
Amber	A
Green	G
Red	R
Blue	S
White	W
Yellow	Y

 Yellow LED not available. Use white LED