

Illuminated Selector Switches (Assembled)



Assembled Illuminated Selector Switches

**A** **SL** **W** **2** **(2)** **99** **11** **(D)** **(N)** - **(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 (LED only)  
240V: 240V AC (LED only)

**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 585.

**Contact Terminal Style**

Blank: Standard  
N: Fingersafe

**Lamp Type**

Blank: Incandescent Lamp  
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					Part Number		
Contact	Mounting	Operator Position		Lamp Circuit Type	Maintained	Spring Return from Right	Spring Return from Left
		L	R				
<b>1NO</b>	1	0	X	Transformer	ASLW2 ① 11④-②	ASLW21 ① 11④-②	ASLW22 ① 11④-②
<b>1NC</b>	2	X	0	Full Voltage	ASLW29911④-②-③	ASLW219911④-②-③	ASLW229911④-②-③
<b>2NO</b>	1	0	X	Transformer	ASLW2 ① 20④-②	ASLW21 ① 20④-②	ASLW22 ① 20④-②
	2	0	X	Full Voltage	ASLW29920④-②-③	ASLW219920④-②-③	ASLW229920④-②-③
<b>2NC</b>	1	X	0	Transformer	ASLW2 ① 02④-104-②	ASLW21 ① 02④-104-②	ASLW22 ① 02④-104-②
	2	X	0	Full Voltage	ASLW29902④-104-②-③	ASLW219902④-104-②-③	ASLW229902④-104-②-③
<b>2NO</b>	1	0	X	Transformer	ASLW2 ① 22④-②	ASLW21 ① 22④-②	ASLW22 ① 22④-②
<b>2NC</b>	2	X	0	Full Voltage	ASLW29922④-②-③	ASLW219922④-②-③	ASLW229922④-②-③
	3	0	X				
	4	X	0				

**① Transformer Voltage Codes**

Voltage	Code
120VAC	126
240VAC	246
480VAC	486



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

**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					
<b>2NO</b>	1	X	0	0	Transformer	ASLW3 ① 20④-②	ASLW31 ① 20④-②	ASLW32 ① 20④-②	ASLW33 ① 20④-②
	2	0	0	X	Full Voltage	ASLW39920④-②-③	ASLW319920④-②-③	ASLW329920④-②-③	ASLW339920④-②-③
<b>2NC</b>	1	0	X	X	Transformer	ASLW3 ① 02④-②	ASLW31 ① 02④-②	ASLW32 ① 02④-②	ASLW33 ① 02④-②
	2	X	X	0	Full Voltage	ASLW39902④-②-③	ASLW319902④-②-③	ASLW329902④-②-③	ASLW339902④-②-③
<b>2NO</b>	1	X	0	0	Transformer	ASLW3 ① 22④-②	ASLW31 ① 22④-②	ASLW32 ① 22④-②	ASLW33 ① 22④-②
<b>2NC</b>	2	0	0	X	Full Voltage	ASLW39922④-②-③	ASLW319922④-②-③	ASLW329922④-②-③	ASLW339922④-②-③
	3	0	X	X					
	4	X	X	0					
<b>2NO</b>	1	X	0	X	Transformer	ASLW3 ① 22④-309-②	ASLW31 ① 22④-309-②	ASLW32 ① 22④-309-②	ASLW33 ① 22④-309-②
<b>2NC</b>	2	X	X	0	Full Voltage	ASLW39922④-309-②-③	ASLW319922④-309-②-③	ASLW329922④-309-②-③	ASLW339922④-309-②-③
	3	0	X	0					
	4	0	0	X					
<b>2NO</b>	1	0	X	0	Transformer	ASLW3 ① 22④-310-②	ASLW31 ① 22④-310-②	ASLW32 ① 22④-310-②	ASLW33 ① 22④-310-②
<b>2NC</b>	2	0	0	X	Full Voltage	ASLW39922④-310-②-③	ASLW319922④-310-②-③	ASLW329922④-310-②-③	ASLW339922④-310-②-③
	3	0	X	0					
	4	0	0	X					
<b>4NO</b>	1	X	0	0	Transformer	ASLW3 ① 40④-②	ASLW31 ① 40④-②	ASLW32 ① 40④-②	ASLW33 ① 40④-②
	2	0	0	X	Full Voltage	ASLW39940④-②-③	ASLW319940④-②-③	ASLW329940④-②-③	ASLW339940④-②-③
	3	X	0	0					
	4	0	0	X					
<b>4NC</b>	1	0	X	X	Transformer	ASLW3 ① 04④-②	ASLW31 ① 04④-②	ASLW32 ① 04④-②	ASLW33 ① 04④-②
	2	X	X	0	Full Voltage	ASLW39904④-②-③	ASLW319904④-②-③	ASLW329904④-②-③	ASLW339904④-②-③
	3	0	X	X					
	4	X	X	0					



- In place of ①, specify the Transformer Voltage Code.
- In place of ②, specify the Lens/LED Color Code.
- In place of ③, specify the Full Voltage Code.
- In place of ④ specify Lamp Type Code
- For custom contact configurations, see page 585.
- Light is independent of switch position.
- 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 (LED only)
240V AC	240V (LED only)

**④ Lamp Type Codes**

Lamp	Code
Incandescent	Blank
LED	D

Switches & Pilot Lights

Display Lights

Relays & Sockets

Timers

Terminal Blocks

Circuit Breakers

### Illuminated Selector Switches (Sub-Assembled)

Transformer\* + Contact Block + Operator + Lamp/Lead Holder† + Lamp + Lens = Complete Part



\*Full voltage units use a full voltage adaptor (TW-DA1B) instead of a transformer.  
 †Lamp holder is not included with operators, order separately.  
 Lead holder is used when using 3 or more contact blocks. 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
	Spring return from right, cam 1	ASLW3100-1	
	Spring return from right, cam 2	ASLW3100-2	
	Spring return from left, cam 1	ASLW3200-1	
	Spring return from left, cam 2	ASLW3200-2	
	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 585.

#### Lenses (Knobs)

Description	Part Number
Knob	ASLWLU-Ⓢ

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

#### Lamps

Style	Voltage	Part Number
	6V AC/DC	LSTD-6Ⓢ
	12V AC/DC	LSTD-1Ⓢ
	24V AC/DC	LSTD-2Ⓢ
	120V AC	LSTD-H2Ⓢ
	240V AC	LSTD-M4Ⓢ
	6V AC/DC	IS-6
	12V AC/DC	IS-12
	24V AC/DC	IS-24

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




#### Ⓢ 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




Illuminated Selector Switches (Sub-Assembled) continued

Contact Blocks

Style	Part Number	
	1NO	1NC
Standard Exposed Screw 	HW-C10 HW-C10R (early make)	HW-C01 HW-C01R (late break)
Fingersafe (IP20), CE marked 	HW-F10 HW-F10R (early make)	HW-F01 HW-F01R (late break)
Dummy Block 	TW-DB	

-  1. Dummy blocks (no contacts) are used with an odd number of contact blocks.
- 2. Use of early and late break contacts creates a make before break function

Lamp Circuit Components

Style	Application	Part Number
Short Lamp Holder 	<b>Used with</b> a Half-size Transformer and one contact block	TW-LH1
Long Lamp Holder 	<b>Used with</b> Full-size Transformer and two contact blocks <b>Used with</b> Half-size Transformer and three contact blocks <b>Used with</b> Full Voltage Adaptor and two contact blocks	TW-LH2
Lead Holder 	<b>Used with</b> TW-LH2 holder when using four contact blocks	HW-LH3

Transformers/Full Voltage Modules

Style	Description	Part Number	
Full Size Transformer 	120V AC	TW-T126B	
	Standard	240V AC	TW-T246B
		480V AC	TW-T486B
		120V AC	TW-F126B
	Fingersafe	240V AC	TW-F246B
480V AC		TW-F486B	
Half Size Transformer 	120V AC	TW-T126SB	
	240V AC	TW-T246SB	
Full voltage model (use with even number of contacts) 	Standard	TW-DA1B	
	Fingersafe	TW-DA1FB	
Full voltage model (use with odd number of contacts) 	Standard	HW-DA1B	
	Fingersafe	HW-DA1FB	

-  All Transformers step down to 6V (use 6V lamp).

Switches & Pilot Lights

Display Lights

Relays & Sockets

Timers

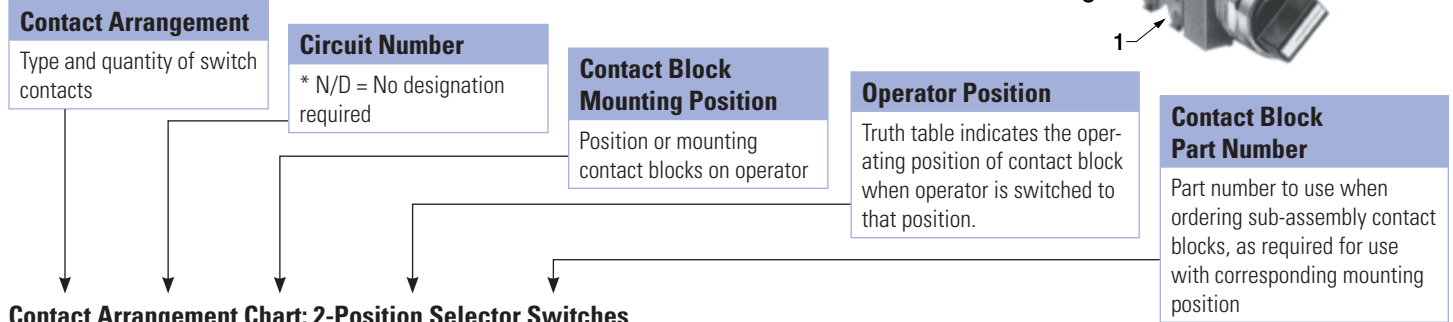
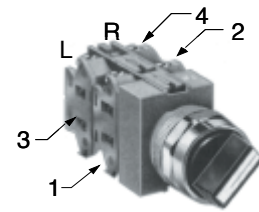
Terminal Blocks

Circuit Breakers

### Contact Arrangement Charts

#### How to Read Contact Arrangement Charts

To determine contact block mounting position, first make sure the selector switch is oriented as shown on the right



#### Contact Arrangement Chart: 2-Position Selector Switches

Style		Mounting Position	Operator Position		Contact Block Part Number	Description	Operator Part Number		
Contact	Circuit Number		L	R			Maintained	Spring Ret. from Rt.	Spring Ret. from Lt.
1NO	N/D	1	0	X	HW-C10	Knob/Lever Key	ASW200	ASW2100	ASW2200
		2	0	0	TW-DB		ASW2K00	ASW21K00	ASW22K00
1NC	116	1	X	0	HW-C01	Knob/Lever Key	ASW200	ASW2100	ASW2200
		2	0	0	TW-DB		ASW2K00	ASW21K00	ASW22K00
1NO 1NC	N/D	1	0	X	HW-C10	Knob/Lever Key	ASW200	ASW2100	ASW2200
		2	X	0	HW-C01		ASW2K00	ASW21K00	ASW22K00
	103	1	X	0	HW-C01	Knob/Lever Key	ASW200	ASW2100	ASW2200
		2	0	X	HW-C10		ASW2K00	ASW21K00	ASW22K00
1NO-EM 1NC-LB	600	1	0	X	HW-C10R	Knob/Lever Key	ASW200	ASW2100	ASW2200
		2	X	0	HW-C01R		ASW2K00	ASW21K00	ASW22K00
	601	1	X	0	HW-C01R	Knob/Lever Key	ASW200	ASW2100	ASW2200
		2	0	X	HW-C10R		ASW2K00	ASW21K00	ASW22K00
2NO	N/D	1	0	X	HW-C10	Knob/Lever Key	ASW200	ASW2100	ASW2200
		2	0	X	HW-C10		ASW2K00	ASW21K00	ASW22K00
2NC	104	1	X	0	HW-C01	Knob/Lever Key	ASW200	ASW2100	ASW2200
		2	X	0	HW-C01		ASW2K00	ASW21K00	ASW22K00
2NO 2NC	N/D	1	0	X	HW-C10	Knob/Lever Key	ASW200 ASW2K00 ASLW200	ASW2100 ASW21K00 ASLW2100	ASW2200 ASW22K00 ASLW2200
		2	X	0	HW-C01				
		3	0	X	HW-C10				
		4	X	0	HW-C01				
	111	1	0	X	HW-C10	Knob/Lever Key	ASW200 ASW2K00 ASLW200	ASW2100 ASW21K00 ASLW2100	ASW2200 ASW22K00 ASLW2200
		2	0	X	HW-C10				
		3	X	0	HW-C01				
		4	X	0	HW-C01				

1. NO-EM, NC-LB = Early Make, Late Break.  
 N/D = No circuit number designation required in assembled selector switch part number.  
 2. X = On (closed contacts) 0 = Off (Open contacts)

Switches & Pilot Lights  
Display Lights  
Relays & Sockets  
Timers  
Terminal Blocks  
Circuit Breakers

Contact Arrangement Chart: 3-Position Selector Switches

Style	Contact	Circuit Number	Mounting Position	Operator Position			Contact Block Part Number	Description	Operator Part Number			
				L	C	R			Maintained	Spring Return from Right	Spring Return from Left	Two-Way
1NO 1NC	202	1	X	0	0	HW-C10	Knob/Lever Key	ASW300-1 ASW3K00-1 ASLW300-1	ASW3100-1 ASW31K00-1 ASLW3100-1	ASW3200-1 ASW32K00-1 ASLW3200-1	ASW3300-1 ASW33K00-1 ASLW3300-1	
		2	X	X	0	HW-C01	Illuminated Knob					
	203	1	0	X	X	HW-C01	Knob/Lever Key	ASW300-1 ASW3K00-1 ASLW300-1	ASW3100-1 ASW31K00-1 ASLW3100-1	ASW3200-1 ASW32K00-1 ASLW3200-1	ASW3300-1 ASW33K00-1 ASLW3300-1	
		2	0	0	X	HW-C10	Illuminated Knob					
	302	1	X	0	X	HW-C10	Knob/Lever Key	ASW300-2 ASW3K00-2 ASLW300-2	ASW3100-2 ASW31K00-2 ASLW3100-2	ASW3200-2 ASW32K00-2 ASLW3200-2	ASW3300-2 ASW33K00-2 ASLW3300-2	
		2	X	X	0	HW-C01	Illuminated Knob					
	303	1	0	X	0	HW-C01	Knob/Lever Key	ASW300-2 ASW3K00-2 ASLW300-2	ASW3100-2 ASW31K00-2 ASLW3100-2	ASW3200-2 ASW32K00-2 ASLW3200-2	ASW3300-2 ASW33K00-2 ASLW3300-2	
		2	0	0	X	HW-C10	Illuminated Knob					
	2NO	N/D	1	X	0	0	HW-C10	Knob/Lever Key	ASW300-1 ASW3K00-1 ASLW300-1	ASW3100-1 ASW31K00-1 ASLW3100-1	ASW3200-1 ASW32K00-1 ASLW3200-1	ASW3300-1 ASW33K00-1 ASLW3300-1
			2	0	0	X	HW-C10	Illuminated Knob				
		301	1	X	0	X	HW-C10	Knob/Lever Key	ASW300-2 ASW3K00-2 ASLW300-2	ASW3100-2 ASW31K00-2 ASLW3100-2	ASW3200-2 ASW32K00-2 ASLW3200-2	ASW3300-2 ASW33K00-2 ASLW3300-2
			2	0	0	X	HW-C10	Illuminated Knob				
2NC	304	1	0	X	0	HW-C01	Knob/Lever Key	ASW300-2 ASW3K00-2 ASLW300-2	ASW3100-2 ASW31K00-2 ASLW3100-2	ASW3200-2 ASW32K00-2 ASLW3200-2	ASW3300-2 ASW33K00-2 ASLW3300-2	
		2	X	X	0	HW-C01	Illuminated Knob					
	N/D	1	0	X	X	HW-C01	Knob/Lever Key	ASW300-1 ASW3K00-1 ASLW300-1	ASW3100-1 ASW31K00-1 ASLW3100-1	ASW3200-1 ASW32K00-1 ASLW3200-1	ASW3300-1 ASW33K00-1 ASLW3300-1	
		2	X	X	0	HW-C01	Illuminated Knob					
2NO 2NC	N/D	1	X	0	0	HW-C10	Knob/Lever Key Illuminated Knob	ASW300-1 ASW3K00-1 ASLW300-1	ASW3100-1 ASW31K00-1 ASLW3100-1	ASW3200-1 ASW32K00-1 ASLW3200-1	ASW3300-1 ASW33K00-1 ASLW3300-1	
		2	0	0	X	HW-C10						
		3	0	X	X	HW-C01						
		4	X	X	0	HW-C01						
	210	1	0	X	X	HW-C01	Knob/Lever Key Illuminated Knob	ASW300-1 ASW3K00-1 ASLW300-1	ASW3100-1 ASW31K00-1 ASLW3100-1	ASW3200-1 ASW32K00-1 ASLW3200-1	ASW3300-1 ASW33K00-1 ASLW3300-1	
		2	0	0	X	HW-C10						
		3	0	X	X	HW-C01						
		4	0	0	X	HW-C10						
	308	1	X	0	X	HW-C10	Knob/Lever Key Illuminated Knob	ASW300-2 ASW3K00-2 ASLW300-2	ASW3100-2 ASW31K00-2 ASLW3100-2	ASW3200-2 ASW32K00-2 ASLW3200-2	ASW3300-2 ASW33K00-2 ASLW3300-2	
		2	X	X	0	HW-C01						
		3	X	0	X	HW-C10						
		4	X	X	0	HW-C01						
	309	1	X	0	X	HW-C10	Knob/Lever Key Illuminated Knob	ASW300-2 ASW3K00-2 ASLW300-2	ASW3100-2 ASW31K00-2 ASLW3100-2	ASW3200-2 ASW32K00-2 ASLW3200-2	ASW3300-2 ASW33K00-2 ASLW3300-2	
		2	X	X	0	HW-C01						
		3	0	X	0	HW-C01						
		4	0	0	X	HW-C10						
310	1	0	X	0	HW-C01	Knob/Lever Key Illuminated Knob	ASW300-2 ASW3K00-2 ASLW300-2	ASW3100-2 ASW31K00-2 ASLW3100-2	ASW3200-2 ASW32K00-2 ASLW3200-2	ASW3300-2 ASW33K00-2 ASLW3300-2		
	2	0	0	X	HW-C10							
	3	0	X	0	HW-C01							
	4	0	0	X	HW-C10							

Switches & Pilot Lights  
Display Lights  
Relays & Sockets  
Timers  
Terminal Blocks  
Circuit Breakers

- Each operator sub-assembly is available as a "-1" and a "-2" for 3-position selector switches. The internal cam of a "-1" is different from that of a "-2". This results in designated combinations of open and closed contacts in the various operator positions.
- N/D = No circuit number designation required in assembled part number.
- X = On (closed contacts) 0 = Off (open contacts). X X Overlapping contacts remain on (closed) when switch is moved between these two positions.

Contact Arrangement Chart: 3-Position Selector Switches

Style		Mounting Position	Operator Position			Contact Block Part Number	Description	Operator Part Number			
Contact	Circuit Number		L	C	R			Maintained	Spring Return from Right	Spring Return from Left	Two-Way
4NO	N/D	1	X	0	0	HW-C10	Knob/Lever Key Illuminated Knob	ASW300-1 ASW3K00-1 ASLW300-1	ASW3100-1 ASW31K00-1 ASLW3100-1	ASW3200-1 ASW32K00-1 ASLW3200-1	ASW3300-1 ASW33K00-1 ASLW3300-1
		2	0	0	X	HW-C10					
		3	X	0	0	HW-C10					
		4	0	0	X	HW-C10					
	305	1	X	0	X	HW-C10	Knob/Lever Key Illuminated Knob	ASW300-2 ASW3K00-2 ASLW300-2	ASW3100-2 ASW31K00-2 ASLW3100-2	ASW3200-2 ASW32K00-2 ASLW3200-2	ASW3300-2 ASW33K00-2 ASLW3300-2
		2	0	0	X	HW-C10					
		3	X	0	X	HW-C10					
		4	0	0	X	HW-C10					
4NC	N/D	1	0	X	X	HW-C01	Knob/Lever Key Illuminated Knob	ASW300-1 ASW3K00-1 ASLW300-1	ASW3100-1 ASW31K00-1 ASLW3100-1	ASW3200-1 ASW32K00-1 ASLW3200-1	ASW3300-1 ASW33K00-1 ASLW3300-1
		2	X	X	0	HW-C01					
		3	0	X	X	HW-C01					
		4	X	X	0	HW-C01					
	314	1	0	X	0	HW-C01	Knob/Lever Key Illuminated Knob	ASW300-2 ASW3K00-2 ASLW300-2	ASW3100-2 ASW31K00-2 ASLW3100-2	ASW3200-2 ASW32K00-2 ASLW3200-2	ASW3300-2 ASW33K00-2 ASLW3300-2
		2	X	X	0	HW-C01					
		3	0	X	0	HW-C01					
		4	X	X	0	HW-C01					

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Switches & Pilot Lights

Display Lights

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Timers

Terminal Blocks

Circuit Breakers

**Custom Selector Switch Building Guide**

To build a custom selector switch, follow these steps.

**Step 1**

How many positions of the switch are needed?

# of positions  
(2, 3, 4, 5)

**Step 2**

How many contacts should there be?

# of isolated contacts  
(maximum 6)

**Step 3**

Fill in the Truth Table

(X = closed, 0 = open)

		Knob Position				
		1	2	3	4	5
Contacts	1					
	2					
	3					
	4					
	5					
	6					

**Step 4**

If building a 2 position selector, skip this step. (2 position selectors have only one cam)

If building a 3, 4, or 5 position selector, determine appropriate cam as follows:

- Look at Row 1 from above table and locate an identical row in the operator truth tables (See next page).
- Repeat for all rows. The user must find one operator that contains all rows from above table.
- Record the operator cam version.

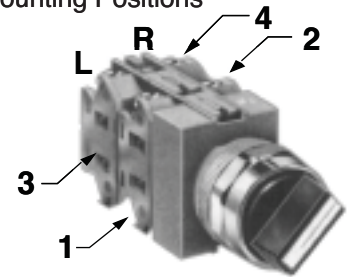
**Step 5**

Build by placing appropriate contact in appropriate mounting position for each desired row on operator cam truth table. "L" and "R" refer to mounting on left or right side of operator as viewed from the front of the panel.

**Step 6**

Develop an assembly part number (if necessary) as follows: follow standard numbering nomenclature for selector switches (see pages 577 or 581. In place of the "Circuit Number" indicate the cam number and contact arrangement as such ASW322-3-OELCSS, where "3" is the cam number, and contact arrangement "OELCXX" calls out individual contact mounting locations in order (see diagram above). O=NO, C=NC, E=NO-EM, L=NC-LB, X= no contact. Part number must designate all 6 possible mounting locations.

Mounting Positions



Switches & Pilot Lights  
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Caution: Before putting any custom selector switch into use, the user should use an ohmmeter to test for desired performance.  
1. For Operator Truth Tables, see next page.



Operator Truth Tables

Use the following tables to build custom selector switches.

2 Position Selector Switches

	Contact	Mounting Position	Operator Position	
			Left	Right
			ASW200 ASLW200 ASW2K00	HW-C10 (NO)
R	0	X		
HW-C01 (NC)	L	X		0
	R	X		0
HW-C10R (NO-EM)	L	0		X
	R	0		X
HW-C01R (NC-LB)	L	X	0	
	R	X	0	

3 Position Selector Switches

	Contact	Mounting Position	Operator Position		
			Left	Center	Right
			ASW300-1 ASW3K00-1 ASLW300-1	HW-C10 (NO)	L
R	0	0			X
HW-C01 (NC)	L	0		X	X
	R	X		X	0
HW-C10R (NO-EM)	L	X		0	0
	R	0		0	X
HW-C01R (NC-LB)	L	0	X	X	
	R	X	X	0	

	Contact	Mounting Position	Operator Position		
			Left	Center	Right
			ASW300-2 ASW3K00-2 ASLW300-2	HW-C10 (NO)	L
R	0	0			X
HW-C01 (NC)	L	0		X	0
	R	X		X	0
HW-C10R (NO-EM)	L	X		0	X
	R	0		0	X
HW-C01R (NC-LB)	L	0	X	0	
	R	X	X	0	

	Contact	Mounting Position	Operator Position		
			Left	Center	Right
			ASW300-3 ASW3K00-3 ASLW300-3	HW-C10 (NO)	L
R	0	0			X
HW-C01 (NC)	L	0		X	0
	R	0		X	0
HW-C10R (NO-EM)	L	X		0	X
	R	X		0	X
HW-C01R (NC-LB)	L	0	X	X	
	R	X	X	0	

4 Position Selector Switches

	Contact	Mounting Position	Operator Position			
			1	2	3	4
			ASW400	HW-C10 (NO)	L	X
R	0	X			0	0
HW-C01 (NC)	L	0		X	X	X
	R	X		0	X	X
HW-C10R (NO-EM)	L	X		0	0	0
	R	0		X	0	0
HW-C01R (NC-LB)	L	0	X	X	X	
	R	X	0	X	X	

	Contact	Mounting Position	Operator Position			
			1	2	3	4
			ASW400-1	HW-C10 (NO)	L	X
R	0	0			0	X
HW-C01 (NC)	L	0		0	X	0
	R	0		X	0	0
HW-C10R (NO-EM)	L	X		X	0	X
	R	X		0	X	X
HW-C01R (NC-LB)	L	0	X	X	X	
	R	X	X	X	0	

5 Position Selector Switches

	Contact	Mounting Position	Operator Position				
			1	2	3	4	5
			ASW500	HW-C10 (NO)	L	X	0
R	0	X			0	0	0
HW-C01 (NC)	L	0		0	X	X	X
	R	0		0	0	X	X
HW-C10R (NO-EM)	L	X		0	0	0	0
	R	0		X	0	0	0
HW-C01R (NC-LB)	L	0	X	X	X	X	
	R	X	0	X	X	X	

	Contact	Mounting Position	Operator Position				
			1	2	3	4	5
			ASW500-1	HW-C10 (NO)	L	X	0
R	0	0			0	0	X
HW-C01 (NC)	L	0		0	0	X	0
	R	0		X	0	0	0
HW-C10R (NO-EM)	L	X		X	X	0	X
	R	X		0	X	X	X
HW-C01R (NC-LB)	L	0	X	X	X	X	
	R	X	X	X	X	0	

Switches & Pilot Lights

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