## Illuminated Selector Switches (Assembled)




Use only when interpreting part numbers. Do not use for developing part numbers.

# Illuminated Selector Switches(Assembled) 

Illuminated 2-Position Selector Switches

| Style |  |  |  |  | Part Number |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 든를ㄹ | Operator Position |  | Lamp Circuit Type | Maintained | Spring Return from Right | Spring Return from Left |
|  |  | $L^{L}$ | $\stackrel{R}{\gamma}$ |  |  | ${ }^{L} \gamma_{R}$ | L/R |
| $\begin{aligned} & \text { 1NO } \\ & \text { 1NC } \end{aligned}$ | $\begin{aligned} & 1 \\ & 2 \end{aligned}$ | $\begin{aligned} & 0 \\ & x \end{aligned}$ | $\begin{aligned} & X \\ & 0 \end{aligned}$ | Transformer Full Voltage | ASLD2 ©11(3) - - 2 ASLD29911(5)-(2)-(3) | ASLD21 (411(3) N -(2) ASLD219911(5)N-(2)-(3) | ASLD22 ©411(5) N - 2 ASLD229911(3)N-(2)-(3) |
| 2NO | $\begin{aligned} & 1 \\ & 2 \end{aligned}$ | $\begin{aligned} & 0 \\ & 0 \end{aligned}$ | $x$ | Transformer <br> Full Voltage | ASLD2 (4)20(5N-(2) ASLD29920(5)-(2)-(3) | ASLD21 (4)20(5) N -(2) ASLD219920(5N-(2)-3) | ASLD22 (4)20(5N-(2) ASLD229920(5) - -(2)-(3) |
| 2NC | $\begin{aligned} & 1 \\ & 2 \end{aligned}$ | $\begin{aligned} & x \\ & \text { X } \end{aligned}$ | $\begin{aligned} & 0 \\ & 0 \end{aligned}$ | Transformer <br> Full Voltage | ASLD2 (4)02(5N-104-(2) ASLD29902(5)N-104-(2)-(3) | ASLD21 (4)02(5N-104-(2) ASLD219902(5)N-104-(2)-(3) | ASLD22 (402(3) $-104-$-(2) ASLD229902(3N-104-(2-(3) |
| $\begin{aligned} & \text { 2NO } \\ & \text { 2NC } \end{aligned}$ | $\begin{aligned} & 1 \\ & 2 \\ & 3 \\ & 4 \end{aligned}$ | $\begin{aligned} & 0 \\ & x \\ & 0 \\ & x \end{aligned}$ | $\begin{aligned} & X \\ & 0 \\ & X \\ & 0 \end{aligned}$ | Transformer Full Voltage | ASLD2 (4)22(5N-(2) ASLD29922(5)N-(2)- (3) | ASLD21 (4)22(5N-(2) ASLD219922(5N-(2)-3) | ASLD22 (4)22(5) - -(2) ASLD229922(5)N-(2)-(3) |
| $\begin{aligned} & \text { 2NO } \\ & \text { 2NC } \end{aligned}$ | 2 3 4 | $\begin{aligned} & 0 \\ & 0 \\ & X \\ & X \end{aligned}$ | $\begin{aligned} & X \\ & X \\ & 0 \\ & 0 \end{aligned}$ | Transformer Full Voltage | ASLD2 (422(3N-111-(2) <br> ASLD29922(3)-111-(2)-(3) | ASLD21 (4)22(5N-111-(2) ASLD219922(3N-111-(2)-(3) | ASLD22 (4)22(5N-111-(2) <br> ASLD229922(5N-111-(2-(3) |

Illuminated 3-Position Selector Switches, Maintained and Spring Return

\begin{tabular}{|c|c|c|c|c|c|c|c|c|c|}
\hline \multicolumn{5}{|c|}{Style} \& \multirow[b]{3}{*}{\begin{tabular}{l}
Lamp \\
Circuit Type
\end{tabular}} \& \multicolumn{4}{|c|}{Part Number} \\
\hline \multirow[b]{2}{*}{} \& \multirow[b]{2}{*}{} \& \multicolumn{3}{|l|}{Operator Position} \& \& Maintained \& Spring Return From Right \& Spring Return from Left \& Spring Return Two-Way \\
\hline \& \& \[
L^{L}
\] \& \[
\begin{aligned}
\& \mathrm{C} \\
\& \mathbf{4}
\end{aligned}
\] \& \[
\stackrel{R}{\gamma}
\] \& \& \[
\stackrel{\downarrow}{\downarrow}
\] \& \[
\stackrel{\downarrow}{\downarrow}
\] \& \[
\stackrel{L}{\square} / \text { R }
\] \& \[
\stackrel{L}{L}
\] \\
\hline 2N0 \& \[
\begin{aligned}
\& 1 \\
\& 2
\end{aligned}
\] \& \[
\begin{aligned}
\& X \\
\& 0
\end{aligned}
\] \& \[
\begin{aligned}
\& 0 \\
\& 0
\end{aligned}
\] \& \[
\begin{aligned}
\& 0 \\
\& x
\end{aligned}
\] \& Transformer Full Voltage \& ASLD3 (4) 20(9N-(2) ASLD39920(5)N-(2)-3 \& ASLD31 © 20N-(2) ASLD319920(5)N-(2)- (3) \& ASLD32 (4) 20N-(2) ASLD329920(3)-(2)-(3) \& ASLD33 (4) 20@N-(2) ASLD339920(5)N-(2)-(3) \\
\hline 2NC \& \[
\begin{aligned}
\& 1 \\
\& 2
\end{aligned}
\] \& \[
\begin{aligned}
\& 0 \\
\& x
\end{aligned}
\] \& \[
\begin{aligned}
\& x \\
\& -x
\end{aligned}
\] \& \[
\begin{aligned}
\& X \\
\& 0
\end{aligned}
\] \& Transformer Full Voltage \& ASLD3 © 402 ( N -(2) ASLD39902(5)-(2)-3 \& ASLD31 © 02 © N -(2) ASLD319902(3) N -(2)-(3) \& ASLD32 © 02(5) ASLD329902(3)N-(2)-(3) \& ASLD33 (4) 02N-(2) ASLD339902(5N-(2)-(3) \\
\hline \[
\begin{aligned}
\& \text { 2NO } \\
\& \text { 2NC }
\end{aligned}
\] \& \[
\begin{aligned}
\& 1 \\
\& 2 \\
\& 3 \\
\& 4
\end{aligned}
\] \& \[
\begin{aligned}
\& X \\
\& 0 \\
\& 0 \\
\& X
\end{aligned}
\] \& \[
\begin{aligned}
\& 0 \\
\& 0 \\
\& \chi \\
\& x \\
\& x
\end{aligned}
\] \& \[
\begin{gathered}
0 \\
x \\
-x \\
0
\end{gathered}
\] \& Transformer Full Voltage \& ASLD3 (4) 22(5) - -(2) ASLD39922(5N-(2)-(3) \& ASLD31 © 22®N-® ASLD319922©N-(2--(3) \& ASLD32 © 22@N-® ASLD329922@N-(2)-(3) \& ASLD33 (4) 22(5N-(2) ASLD339922(5)-(2)-(3) \\
\hline \[
\begin{aligned}
\& \text { 2NO } \\
\& \text { 2NC }
\end{aligned}
\] \& \[
\begin{aligned}
\& 1 \\
\& 2 \\
\& 3 \\
\& 4
\end{aligned}
\] \& \[
\begin{aligned}
\& X \\
\& X \\
\& 0 \\
\& 0 \\
\& 0
\end{aligned}
\] \& 0
-
\(X\)
\(X\)
0 \& \[
\begin{aligned}
\& X \\
\& 0 \\
\& 0 \\
\& 0 \\
\& X
\end{aligned}
\] \& Transformer Full Voltage \& ASLD3 (4) 22(5N-309-(2) ASLD39922(5)N-309-(2)-(3) \& \begin{tabular}{l}
ASLD31 (4) 22 © N -309-(2) \\
ASLD319922(3)-309-(2)-(3)
\end{tabular} \& ASLD32 © 22(5)N-309-(2) ASLD329922(5)-309-(2-(3) \& ASLD33 (4) 22(5)N-309-(2) ASLD339922(5)-309-(2-(3) \\
\hline \[
\begin{aligned}
\& \text { 2NO } \\
\& \text { 2NC }
\end{aligned}
\] \& \[
\begin{aligned}
\& 1 \\
\& 2 \\
\& 3 \\
\& 4
\end{aligned}
\] \& \[
\begin{aligned}
\& 0 \\
\& 0 \\
\& 0 \\
\& 0
\end{aligned}
\] \& X
0

X

0 \& \[
$$
\begin{aligned}
& 0 \\
& x \\
& 0 \\
& x
\end{aligned}
$$

\] \& Transformer Full Voltage \& ASLD3 (4) 22© $\mathrm{N}-310-$ - 2 ASLD39922(5)N-310-(2)-(3) \& ASLD31 © 22 (5N-310-② ASLD319922(3)-310-(2)-(3) \& | ASLD32 (4) 22(3) $-310-$-(2) |
| :--- |
| ASLD329922(5N-310-(2-(3) | \& ASLD33 © 42 2(5) N -310-(2) ASLD339922(5N-310-(2-(3) <br>

\hline 4N0 \& $$
\begin{aligned}
& 1 \\
& 2 \\
& 3 \\
& 4
\end{aligned}
$$ \& \[

$$
\begin{aligned}
& X \\
& 0 \\
& X \\
& 0
\end{aligned}
$$
\] \& 0

0
0

0 \& $$
\begin{aligned}
& 0 \\
& X \\
& 0 \\
& 0 \\
& x
\end{aligned}
$$ \& Transformer Full Voltage \& ASLD3 (4) 40(5N-(2) ASLD39940(5)-(2)-3) \& ASLD31 (4) 40(5N-(2) ASLD319940(5)-(2)-3) \& ASLD32 (4) 40(5) N -(2) ASLD329940(5)-(2)-(3) \& ASLD33 (4) 40(5N-(2) ASLD339940(5)N-(2)-3) <br>

\hline 4NC \& 1
2
3
4 \& 0
$\times$
0

$\times$ \& \[
$$
\begin{gathered}
x \\
-x \\
x \\
x
\end{gathered}
$$

\] \& \[

$$
\begin{array}{r}
X \\
0 \\
X \\
0
\end{array}
$$
\] \& Transformer Full Voltage \& ASLD3 (4) 04(5)N-(2) ASLD39904(5)-(2)-3 \& ASLD31 © 04(5) - -(2) ASLD319904(5)-(®)-3) \& ASLD32 © 404 (5) N -(2) ASLD329904(3)-(2)-(3) \& ASLD33 © 04 04(5)-(2) ASLD339904(3)-(2)-(3) <br>

\hline
\end{tabular}

1. In place of (2), specify the Lens/LED Color Code, in place of (3), specify the Full Voltage (lamp voltage) Code, in place of $(4)$, specify the Transformer Voltage Code and in place of (5) specify the Lamp Type Code.
2. The truth table indicates the operating position of contact block when the operator is switched to that position
X = On (Closed Contacts) $0=0$ ff (Open Contacts)
$X-X=$ Overlapping Contacts: Remain on (closed contacts) when switch is moved between these positions
3. Yellow selector switch comes with white LED.

\section*{(4) Transformer Voltage Codes <br> | Voltage | Code |
| :---: | :---: |
| 120VAC | 126 |
| $240 V A C$ | 246 |
| $480 V A C$ | 486 |}

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

## (5) Lamp Type Codes

| Lamp | Code |
| :---: | :---: |
| Incandescent | Blank |
| LED | D |

# Illuminated Selector Switches (Sub-Assembled) 

Transformer* + Contact Block + Operator + Lamp + Lens $=$ Complete Part
*Not required for full voltage units (use APD-F full voltage clips instead).

## Operators

| $\stackrel{8}{0}$ | Style | Position | Description | Part Number |
| :---: | :---: | :---: | :---: | :---: |
| 家 | Operato | 2 | Maintained | ASLD200 |
|  |  | 3 | Maintained, Cam 1 <br> Maintained, Cam 2 | ASLD300-1 ASLD300-2 |
|  |  |  | Spring return from right | ASLD2100 |
|  |  | 2 | Spring return from left | ASLD2200 |
|  |  |  | Spring return from right, Cam 1 Spring return from right, Cam 2 | $\begin{aligned} & \text { ASLD3100-1 } \\ & \text { ASLD3100-2 } \end{aligned}$ |
|  |  | 3 | Spring return from left, Cam 1 Spring return from left, Cam 2 | $\begin{aligned} & \text { ASLD3200-1 } \\ & \text { ASLD3200-2 } \end{aligned}$ |
| 芼 |  |  | Spring return from left/right, Cam 1 | ASLD3300-1 |
| $\underset{\infty}{\infty}$ |  |  | Spring return from left/right, Cam 2 | ASLD3300-2 |

Lenses


## Lamps

| Style | Voltage | Part Number |
| :---: | :---: | :---: |
| LED | 6 V AC/DC | LSTD-6② |
|  | 12V AC/DC | LSTD-1 ${ }^{2}$ |
|  | 24V AC/DC | LSTD-2 (2) |
|  | 120 V AC | LSTD-H2 ② |
|  | 240 V AC | LSTD-M4② |
| Incandescent | 6V AC/DC | IS-6 |
|  | 12V AC/DC | IS-12 |
|  | 24V AC/DC | IS-24 |
|  | 120 V AC | L-120L |

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

## Contact Blocks

| Style | Part Number |  |
| :--- | :--- | :--- | :--- |

1. Dummy blocks (no contacts) are used with an odd number of contact blocks.
2. Combining BST-010S and BST-001S results in overlapping contacts (remain on, or closed, when switch is moved between two positions).

## Full Voltage Clips

|  | Style | Part Number |
| :---: | :---: | :---: |
| Full Voltage Clips (2 required for each unit) |  | APD-F |

Required for all full voltage models.

Transformers

| Description | Primary Voltage <br> $\mathbf{( 5 0 / 6 0 H z )}$ | Part Number |  |
| :---: | :---: | :---: | :---: |
| Transformers | 120V AC | TWD-0126 |  |
|  |  | 240 V AC | TWD-0246 |

## 6 V secondary voltage.

(2) LED/Lens Color Codes

| Color | Code | Color | Code |
| :--- | :---: | :---: | :---: |
| Amber | A | Blue | S |
| Green | G | White | W |
| Red | R | Yellow | Y |
| Yellow lens only. Yellow LED not <br> available, use white LED. |  |  |  |

## 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 Block Part Number <br> Part number to use when ordering sub-assembly contact blocks, as required for use with corresponding mounting position

Contact Arrangement Chart: 2-Position Selector Switches

| Style |  | Mounting Position | Operator Position |  | Contact Block Part Number | Description | Operator Part Number |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Contact | Circuit <br> Number |  |  |  | Maintained |  | Spring Return from Right | Spring Return from Left |
|  |  |  | $L$ | $\stackrel{R}{ }$ |  |  |  |  |  |
| 1NO | N/D | 1 | 0 | X |  | BST-010 | Knob/Lever | ASD200 | ASD2100 | ASD2200 |
|  |  | 2 | 0 | 0 | BST-D | Illuminated Knob | ASLD200 | ASLD2100 | ASLD2200 |
| 1NC | 116 | 1 | X | 0 | BST-001 | Knob/Lever | ASD200 | ASD2100 | ASD2200 |
|  |  | 2 | 0 | 0 | BST-D | Key <br> Illuminated Knob | ASLD200 | ASLD2100 | ASLD2200 |
| $\begin{aligned} & \text { 1NO } \\ & \text { 1NC } \end{aligned}$ | N/D | 1 | 0 | X | BST-010 | Knob/Lever | ASD200 | ASD2100 | ASD2200 |
|  |  | 2 | X | 0 | BST-001 | Key <br> Illuminated Knob | $\begin{aligned} & \text { ASD2K00 } \\ & \text { ASLD200 } \end{aligned}$ | $\begin{aligned} & \text { ASD21K00 } \\ & \text { ASLD2100 } \end{aligned}$ | $\begin{aligned} & \text { ASD22K00 } \\ & \text { ASLD2200 } \end{aligned}$ |
|  | 103 | 1 | X | 0 | BST-001 | Knob/Lever | ASD200 | ASD2100 | ASD2200 |
|  |  |  |  |  |  |  | ASD2K00 | ASD21K00 | ASD22K00 |
|  |  | 2 | 0 | X | BST-010 | Illuminated Knob | ASLD200 | ASLD2100 | ASLD2200 |
| $\begin{aligned} & \text { 1NO-EM } \\ & \text { 1NC-LB } \end{aligned}$ | 600 | 1 | 0 | X | BST-010S | Knob/Lever <br> Key | ASD200 <br> ASD2K00 | ASD2100 <br> ASD21K00 | ASD2200 <br> ASD22K00 |
|  |  | 2 | X | 0 | BST-001S | Illuminated Knob | ASLD200 | ASLD2100 | ASLD2200 |
|  | 601 | 1 | X | 0 | BST-001S | Knob/Lever | ASD200 | ASD2100 | ASD2200 |
|  |  |  |  |  |  |  | ASD2K00 | ASD21K00 | ASD22K00 |
|  |  | 2 | 0 | X | BST-010S | Illuminated Knob | ASLD200 | ASLD2100 | ASLD2200 |
| 2NO | N/D | 1 | 0 | X | BST-010 | Knob/Lever | ASD200 | ASD2100 | ASD2200 |
|  |  |  |  |  |  |  | ASD2K00 | ASD21K00 | ASD22K00 |
|  |  | 2 | 0 | X | BST-010 | Illuminated Knob | ASLD200 | ASLD2100 | ASLD2200 |
| 2NC | 104 | 1 | X | 0 | BST-001 | Knob/Lever | ASD200 | ASD2100 | ASD2200 |
|  |  | 2 | X | 0 | BST-001 | Key <br> Illuminated Knob | $\begin{aligned} & \text { ASD2K00 } \\ & \text { ASLD200 } \end{aligned}$ | $\begin{aligned} & \text { ASD21K00 } \\ & \text { ASLD2100 } \end{aligned}$ | $\begin{aligned} & \text { ASD22K00 } \\ & \text { ASLD2200 } \end{aligned}$ |
| $\begin{aligned} & \text { 2NO } \\ & \text { 2NC } \end{aligned}$ | N/D | 1 | 0 | X | BST-010 | Knob/Lever Key Illuminated Knob | ASD200 <br> ASD2K00 <br> ASLD200 | ASD2100 <br> ASD21K00 <br> ASLD2100 | $\begin{aligned} & \text { ASD2200 } \\ & \text { ASD22K00 } \\ & \text { ASLD2200 } \end{aligned}$ |
|  |  | 2 | X | 0 | BST-001 |  |  |  |  |
|  |  | 3 | 0 | X | BST-010 |  |  |  |  |
|  |  | 4 | X | 0 | BST-001 |  |  |  |  |
|  | 110 | 1 | X | 0 | BST-001 | Knob/Lever Key <br> Illuminated Knob | ASD200 <br> ASD2K00 <br> ASLD200 | ASD2100 <br> ASD21K00 <br> ASLD2100 | $\begin{aligned} & \text { ASD2200 } \\ & \text { ASD22K00 } \\ & \text { ASLD2200 } \end{aligned}$ |
|  |  | 2 | 0 | X | BST-010 |  |  |  |  |
|  |  | 3 | X | 0 | BST-001 |  |  |  |  |
|  |  | 4 | 0 | X | BST-010 |  |  |  |  |
|  | 111 | 1 | 0 | X | BST-010 | Knob/Lever Key Illuminated Knob | $\begin{aligned} & \text { ASD200 } \\ & \text { ASD2K00 } \\ & \text { ASLD200 } \end{aligned}$ | $\begin{aligned} & \text { ASD2100 } \\ & \text { ASD21K00 } \\ & \text { ASLD2100 } \end{aligned}$ | $\begin{aligned} & \text { ASD2200 } \\ & \text { ASD22K00 } \\ & \text { ASLD2200 } \end{aligned}$ |
|  |  | 2 | 0 | X | BST-010 |  |  |  |  |
|  |  | 3 | X | 0 | BST-001 |  |  |  |  |
|  |  | 4 | X | 0 | BST-001 |  |  |  |  |
| 4NO | N/D | 1 | 0 | X | BST-010 | Knob/Lever Key Illuminated Knob | ASD200 <br> ASD2K00 <br> ASLD200 | ASD2100 <br> ASD21K00 <br> ASLD2100 | $\begin{aligned} & \text { ASD2200 } \\ & \text { ASD22K00 } \\ & \text { ASLD2200 } \end{aligned}$ |
|  |  | 2 | 0 | $X$ | BST-010 |  |  |  |  |
|  |  | 3 | 0 | X | BST-010 |  |  |  |  |
|  |  | 4 | 0 | X | BST-010 |  |  |  |  |

Contact Arrangement Chart: 3-Position Selector Switches

| Style |  | Mounting Position | Operator Position |  |  | Contact Block Part Number | Description | Operator Part Number |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Contact | Circuit <br> Number |  |  |  |  | Maintained |  | Spring Return from Right | Spring Return from Left | Two-Way |
|  |  |  |  | $\stackrel{C}{4}$ |  |  |  |  |  |  | L ${ }^{\text {c }}$ |
| $\begin{aligned} & \text { 1NO } \\ & \text { 1NC } \end{aligned}$ | 202 | 1 | X | 0 | 0 |  | BST-010 | Knob/Lever <br> Key <br> Illuminated Knob | ASD300-1 | ASD3100-1 | ASD3200-1 | ASD3300-1 |
|  |  | 2 | X | - | 0 | BST-001 | ASLD300-1 |  | ASLD3100-1 | ASLD3200-1 | ASLD3300-1 |
|  | 203 | 1 | 0 | K | $x$ | BST-001 | Knob/Lever Key Illuminated Knob | ASD300-1 <br> ASD3K00-1 <br> ASLD300-1 | ASD3100-1 <br> ASD31K00-1 <br> ASLD3100-1 | $\begin{aligned} & \text { ASD3200-1 } \\ & \text { ASD32K00-1 } \\ & \text { ASLD3200-1 } \end{aligned}$ | ASD3300-1 <br> ASD33K00-1 <br> ASLD3300-1 |
|  |  | 2 | 0 | 0 | X | BST-010 |  |  |  |  |  |
|  | 302 | 1 | X | 0 | X | BST-010 | Knob/Lever Key Illuminated Knob | ASD300-2 <br> ASD3K00-2 <br> ASLD300-2 | ASD3100-2 ASD31K00-2 ASLD3100-2 | ASD3200-2 <br> ASD32K00-2 <br> ASLD3200-2 | ASD3300-2 <br> ASD33K00-2 <br> ASLD3300-2 |
|  |  | 2 | X | X | 0 | BST-001 |  |  |  |  |  |
|  | 303 | 1 | 0 | X | 0 | BST-001 | Knob/Lever Key <br> Illuminated Knob | ASD300-2 ASD3K00-2 ASLD300-2 | ASD3100-2 ASD31K00-2 ASLD3100-2 | ASD3200-2 ASD32K00-2 ASLD3200-2 | ASD3300-2 ASD33K00-2 ASLD3300-2 |
|  |  | 2 | 0 | 0 | X | BST-010 |  |  |  |  |  |
| 2NO | N/D | 1 | X | 0 | 0 | BST-010 | Knob/Lever Key <br> Illuminated Knob | ASD300-1 <br> ASD3K00-1 <br> ASLD300-1 | ASD3100-1 ASD31K00-1 ASLD3100-1 | ASD3200-1 ASD32K00-1 ASLD3200-1 | ASD3300-1 <br> ASD33K00-1 <br> ASLD3300-1 |
|  |  | 2 | 0 | 0 | X | BST-010 |  |  |  |  |  |
|  |  | 1 | X | 0 | X | BST-010 | Knob/Lever Key Illuminated Knob | ASD300-2 <br> ASD3K00-2 <br> ASLD300-2 | ASD3100-2 <br> ASD31K00-2 <br> ASLD3100-2 | ASD3200-2 <br> ASD32K00-2 <br> ASLD3200-2 | ASD3300-2 <br> ASD33K00-2 <br> ASLD3300-2 |
|  |  | 2 | 0 | 0 | X | BST-010 |  |  |  |  |  |
| 2NC | 304 | 1 | 0 | X | 0 | BST-001 | Knob/Lever Key Illuminated Knob | ASD300-2 <br> ASD3K00-2 <br> ASLD300-2 | ASD3100-2 ASD31K00-2 ASLD3100-2 | ASD3200-2 ASD32K00-2 ASLD3200-2 | ASD3300-2 <br> ASD33K00-2 <br> ASLD3300-2 |
|  |  | 2 | X | - | 0 | BST-001 |  |  |  |  |  |
|  | N/D | 1 | 0 | X | $x$ | BST-001 | Knob/Lever <br> Key <br> Illuminated Knob | ASD300-1 <br> ASD3K00-1 <br> ASLD300-1 | ASD3100-1 <br> ASD31K00-1 <br> ASLD3100-1 | $\begin{aligned} & \text { ASD3200-1 } \\ & \text { ASD32K00-1 } \\ & \text { ASLD3200-1 } \end{aligned}$ | ASD3300-1 <br> ASD33K00-1 <br> ASLD3300-1 |
|  |  | 2 | X | X | 0 | BST-001 |  |  |  |  |  |
| $\begin{aligned} & \text { 2NO } \\ & \text { 2NC } \end{aligned}$ | N/D | 1 | X | 0 | 0 | BST-010 | Knob/Lever Key <br> Illuminated Knob | ASD300-1 <br> ASD3K00-1 <br> ASLD300-1 | $\begin{aligned} & \text { ASD3100-1 } \\ & \text { ASD31K00-1 } \\ & \text { ASLD3100-1 } \end{aligned}$ | $\begin{aligned} & \text { ASD3200-1 } \\ & \text { ASD32K00-1 } \\ & \text { ASLD3200-1 } \end{aligned}$ | ASD3300-1 <br> ASD33K00-1 <br> ASLD3300-1 |
|  |  | 2 | 0 | 0 | X | BST-010 |  |  |  |  |  |
|  |  | 3 | 0 | K | - | BST-001 |  |  |  |  |  |
|  |  | 4 | K | - | 0 | BST-001 |  |  |  |  |  |
|  | 210 | 1 | 0 | K | - | BST-001 | Knob/Lever Key <br> Illuminated Knob | ASD300-1 <br> ASD3K00-1 <br> ASLD300-1 | ASD3100-1 <br> ASD31K00-1 <br> ASLD3100-1 | ASD3200-1 <br> ASD32K00-1 <br> ASLD3200-1 | ASD3300-1 <br> ASD33K00-1 <br> ASLD3300-1 |
|  |  | 2 | 0 | 0 | $X$ | BST-010 |  |  |  |  |  |
|  |  | 3 | 0 | K | $x$ | BST-001 |  |  |  |  |  |
|  |  | 4 | 0 | 0 | $X$ | BST-010 |  |  |  |  |  |
|  | 308 | 1 | X | 0 | X | BST-010 | Knob/Lever Key <br> Illuminated Knob | ASD300-2 <br> ASD3K00-2 <br> ASLD300-2 | ASD3100-2 ASD31K00-2 ASLD3100-2 | ASD3200-2 <br> ASD32K00-2 <br> ASLD3200-2 | ASD3300-2 <br> ASD33K00-2 <br> ASLD3300-2 |
|  |  | 2 | $X$ | X | 0 | BST-001 |  |  |  |  |  |
|  |  | 3 | X | 0 | X | BST-010 |  |  |  |  |  |
|  |  | 4 | K | - | 0 | BST-001 |  |  |  |  |  |
|  | 309 | 1 | X | 0 | X | BST-010 | Knob/Lever Key <br> Illuminated Knob | ASD300-2 <br> ASD3K00-2 <br> ASLD300-2 | ASD3100-2 <br> ASD31K00-2 <br> ASLD3100-2 | ASD3200-2 <br> ASD32K00-2 <br> ASLD3200-2 | ASD3300-2 <br> ASD33K00-2 <br> ASLD3300-2 |
|  |  | 2 | $X$ | X | 0 | BST-001 |  |  |  |  |  |
|  |  | 3 | 0 | X | 0 | BST-001 |  |  |  |  |  |
|  |  | 4 | 0 | 0 | X | BST-010 |  |  |  |  |  |
|  | 310 | 1 | 0 | X | 0 | BST-001 | Knob/Lever Key Illuminated Knob | ASD300-2 ASD3K00-2 ASLD300-2 | ASD3100-2 ASD31K00-2 ASLD3100-2 | ASD3200-2 ASD32K00-2 ASLD3200-2 | ASD3300-2 <br> ASD33K00-2 <br> ASLD3300-2 |
|  |  | 2 | 0 | 0 | X | BST-010 |  |  |  |  |  |
|  |  | 3 | 0 | X | 0 | BST-001 |  |  |  |  |  |
|  |  | 4 | 0 | 0 | X | BST-010 |  |  |  |  |  |

1. 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.
2. $N / D=$ No circuit number designation required in assembled part number.
3. $\mathrm{X}=\mathrm{On}$ (closed contacts) $0=0 \mathrm{ff}$ (open contacts). $\mathrm{X}-\mathrm{X}$ 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 <br> Number |  |  |  |  | Maintained |  | Spring Return | Spring Return | Two-Way |
|  |  |  | $L$ | $\stackrel{C}{4}$ | $\stackrel{R}{4}$ |  |  |  |  |  |  |
| 4NO | N/D | 1 | X | 0 | 0 |  | BST-010 | Knob/Lever Key Illuminated Knob | ASD300-1 <br> ASD3K00-1 <br> ASLD300-1 | ASD3100-1 ASD31K00-1 ASLD3100-1 | ASD3200-1 ASD32K00-1 ASLD3200-1 | ASD3300-1 ASD33K00-1 ASLD3300-1 |
|  |  | 2 | 0 | 0 | X | BST-010 |  |  |  |  |  |  |
|  |  | 3 | X | 0 | 0 | BST-010 |  |  |  |  |  |  |
|  |  | 4 | 0 | 0 | $X$ | BST-010 |  |  |  |  |  |  |
|  | 305 | 1 | X | 0 | $X$ | BST-010 | Knob/Lever <br> Key <br> Illuminated Knob | ASD300-2 <br> ASD3K00-2 <br> ASLD300-2 | ASD3100-2 <br> ASD31K00-2 <br> ASLD3100-2 | $\begin{aligned} & \text { ASD3200-2 } \\ & \text { ASD32K00-2 } \\ & \text { ASLD3200-2 } \end{aligned}$ | $\begin{aligned} & \text { ASD3300-2 } \\ & \text { ASD33K00-2 } \\ & \text { ASLD3300-2 } \end{aligned}$ |  |
|  |  | 2 | 0 | 0 | $X$ | BST-010 |  |  |  |  |  |  |
|  |  | 3 | X | 0 | $X$ | BST-010 |  |  |  |  |  |  |
|  |  | 4 | 0 | 0 | $X$ | BST-010 |  |  |  |  |  |  |
| 4NC | N/D | 1 | 0 | $\chi$ | - | BST-001 | Knob/Lever <br> Key <br> Illuminated Knob | ASD300-1 <br> ASD3K00-1 <br> ASLD300-1 | ASD3100-1 <br> ASD31K00-1 <br> ASLD3100-1 | ASD3200-1 <br> ASD32K00-1 <br> ASLD3200-1 | ASD3300-1 <br> ASD33K00-1 <br> ASLD3300-1 |  |
|  |  | 2 | X | $x$ | 0 | BST-001 |  |  |  |  |  |  |
|  |  | 3 | 0 | $\chi$ | - | BST-001 |  |  |  |  |  |  |
|  |  | 4 | X | $x$ | 0 | BST-001 |  |  |  |  |  |  |
|  | 314 | 1 | 0 | X | 0 | BST-001 | Knob/Lever <br> Key <br> Illuminated Knob | ASD300-2 <br> ASD3K00-2 <br> ASLD300-2 | ASD3100-2 <br> ASD31K00-2 <br> ASLD3100-2 | ASD3200-2 <br> ASD32K00-2 <br> ASLD3200-2 | ASD3300-2 <br> ASD33K00-2 <br> ASLD3300-2 |  |
|  |  | 2 | K | - | 0 | BST-001 |  |  |  |  |  |  |
|  |  | 3 | 0 | X | 0 | BST-001 |  |  |  |  |  |  |
|  |  | 4 | K | - | 0 | BST-001 |  |  |  |  |  |  | and closed contacts in the various operator positions.

2. $N / D=$ No circuit number designation required in assembled part number.
3. $X=O n$ (closed contacts) $0=0 f f$ (open contacts). $X \propto X$ Overlapping contacts remain on (closed) when switch is moved between these two positions.

## Operator Truth Tables

Use the following tables to build custom selector switches.

## 2 Position Selector Switches

|  | Contact | Mounting Position | Operator Position |  |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  | Left | Right |
| ASD200 |  | L | 0 | X |
|  | BST-IO | R | 0 | X |
|  |  | L | X | 0 |
|  | BST-00 (NC) | R | X | 0 |
|  |  | L | 0 | - |
|  | BST-O10S (NO-EM) | R | 0 | - |
|  |  | L | * | 0 |
|  | BST-OOIS (NC-LB) | R | - | 0 |

## 3 Position Push/Pull Switches

|  | Contact | Operator Position |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  |  | Pull | Normal | Push |
| AYLD22 | BST-010 (NO) | 0 | 0 | X |
|  | BST-001 (NC) | X | 0 | 0 |
|  | BST-010S (NO-EM) | 0 | X | X |
|  | BST-001S (NC-LB) | X | X | 0 |

## 3 Position Selector Switches

|  | Contact | Mounting Position | Operator Position |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Left | Center | Right |
| ASD300-1 <br> ASLD300-1 <br> ASD3K00-1 | BST-010 (NO) | L | X | 0 | 0 |
|  |  | R | 0 | 0 | X |
|  | BST-001 (NC) | L | 0 |  | - |
|  |  | R |  | X | 0 |
|  | BST-010S (NO-EM) | L | - | 0 | 0 |
|  |  | R | 0 | 0 | X |
|  | BST-001S (NC-LB) | L | 0 | X | $x$ |
|  |  | R |  | $\times$ | 0 |

