## MIL-DTL-8834 Miniature Positive Action Switches Toggle and Lever Lock/IWTS Terminals

## FEATURES

- Sealed bushing
- Dry circuit (logic level loads) to power switching levels
- 1 and 2 pole circuitry
- Non-teasible mechanism for all but center "ON" circuit
- Small and large size bushings and Actuator
- Toggle and lever lock Actuator
- Wiping action contacts
- Positive make and break action
- Integrated Wire Termination System (IWTS)


## SPECIFICATIONS

- Bushing seal or bonded seal per MIL-DTL-8834
- MS approved and OPL listed to MIL-DTL-8834
- Temperature Range: $-67^{\circ} \mathrm{F}$ to $+160^{\circ} \mathrm{F}$ $\left(-55^{\circ} \mathrm{C}\right.$ to $\left.+71^{\circ} \mathrm{C}\right)$
- Life:20,000 operations at rated load 40,000 operations mechanical life
- Bushing thread sizes:

Small Toggle: $1 / 4$ " - 40 thread
Large Toggle and Lever Lock:
15/32" - 32 thread

- Accepts SAE-AS39029/1-101 Pins (pins not included)


## CURRENT RATINGS

| No. of Poles | Catalog Number | Type of Operation | 28VDC(Amperes per pole) |  | 115VAC 60 Hz and 400 Hz (Amperes per pole) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Resistive Load <br> 28VDC | Inductive Load <br> 28VDC | Resistive Load 60 Hz 400 Hz | Inductive Load 60 Hz 400 Hz |
| 1 | $\begin{aligned} & 8855 \\ & 8866 \\ & 8868 \end{aligned}$ | Maintained and Momentary | 5 | 1 | 23 | 2 |
| 2 | $\begin{aligned} & 8856 \\ & 8867 \\ & 8869 \end{aligned}$ | Maintained and Momentary | 5 | 1 | 23 | 2 |

Minimum Rating: 25 microamperes at 5 millivolts.

## SELECTION TABLE



## * Momentary contact

(1) Dielectric per MIL-DTL-8834 except limited to 1250 volts. Delayed action of the switch toggle lever may cause circuit to close or open before snap action mechanism trips
(2) Furnished with Bonded Seal feature. (Meets 15' head of water level requirement.)

## SELECTION TABLE



## * Momentary contact.

$\rightarrow$ Indicates direction against which lever is locked
See page A75 for special circuit diagrams.

## OPTIONS/ACCESSORIES <br> LEVER LOCK - BUSHING STYLES

- Special mounting hardware
- Special marking
- Mounting hardware furnished assembled
- Panel seal, Part Number 32-341 (15/32" - 32 bushing only)
- Special circuits
- Special bushing and lever finish
- Special locking cap style on lever lock switches
- EMI/RFI capability on two pole (15/32" - 32 bushing only)


Figures A thru $L$ do not represent details of construction. They schematically illustrate locking function.

## PANEL CUTOUT DIMENSIONS

15/32 DIA. BUSHING



SAFRAN ELECTRICAL \& POWER


Small Toggle


Large Toggle/ Terminal Identification


Lever Lock

## MOUNTING DIMENSIONS -TWO POLE / 8856, 8867, 8869



Small Toggle


Large Toggle/ Terminal Identification


Lever Lock

> | STANDARD |
| :--- |
| $0.00=$ inches |
| $[0,0]=\mathrm{mm}$ |

Mounting dimensions for reference only.

