

## 2-Pole Switch

### FEATURES

High-tech LED switch  
designed in a compact form  
(0.978 L x 0.678 W x 0.485 H inches)

Patented Staco Systems lens technology  
provides for superior optics, NVIS  
compatibility and sunlight readability

Smallest 2-pole illuminated switch on the market

Long-life durability — 1 million cycles

Solder or PCB termination

Uniform LED

### APPLICATIONS

Commercial Aircraft

Military Aircraft and Ground Vehicles

Naval Systems

Industrial Equipment and Control Systems

Launch Controls



## S300 Ultra-Compact Half-Switch

The Series 300 half-switch solves the problem of having a 2-pole switch in a compact form. The Patented Staco Systems lens technology provides superior LED lighting performance, allowing for multiple display solutions, including a large variety of NVIS options.

[stacosystems.com](http://stacosystems.com)

**S300**

stacosystems™

## SPECIFICATIONS

### MECHANICAL

- ▶ Actuation force: 1 to 4 lb
- ▶ Actuation travel: 0.070" typical
- ▶ Alternate action travel: (latch/hold): 0.040"

### ELECTRICAL

- ▶ LED polarity insensitive
- ▶ Nonlinear dimming: 28 VDC
- ▶ Linear dimming: 5 VDC and 28 VDC

### QUALIFICATIONS — Meets or exceeds the requirements of

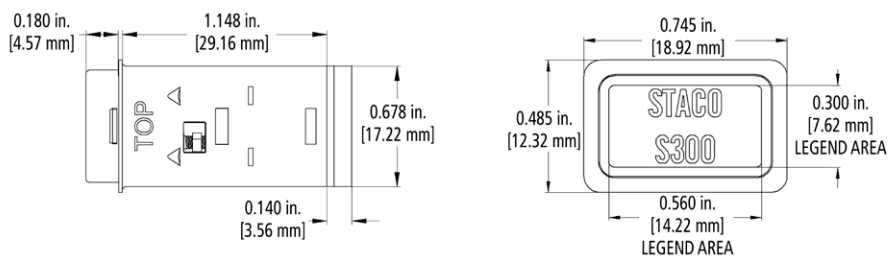
- ▶ MIL-PRF-22885 (not qualified to low-end temperature)
- ▶ MIL-STD-3009

### PERFORMANCE

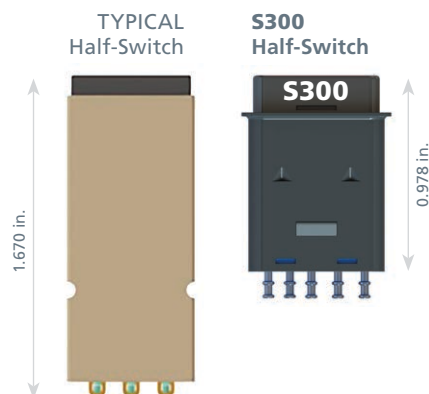
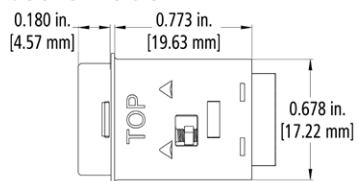
- ▶ Power consumption at 28 VDC: 0.728 W
- ▶ Power consumption at 5 VDC: 0.260 W
- ▶ Low touch temperature: +10 °C above ambient
- ▶ Electrical load range: 10  $\mu$ A to 10 A
- ▶ Mechanical life: 1,000,000 cycles
- ▶ Switch contact simultaneity: 250  $\mu$ s
- ▶ Switch contact bounce: 2 milliseconds max
- ▶ Contact resistance: 0.025  $\Omega$  max

## FEATURES

### Crimp Version



### Solder/PCB Version



stacosystems™

### Headquarters North America

7 Morgan, Irvine, CA, 92618  
United States  
p: 949.297.8700  
f: 949.297.8789  
e: sales@stacosystems.com