

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

S300

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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

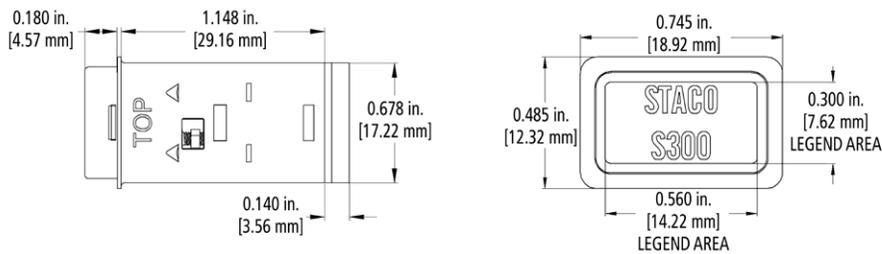
- ▶ MIL-PRF-22885 (not qualified to low-end temperature)
- ▶ MIL-STD-3009

PERFORMANCE

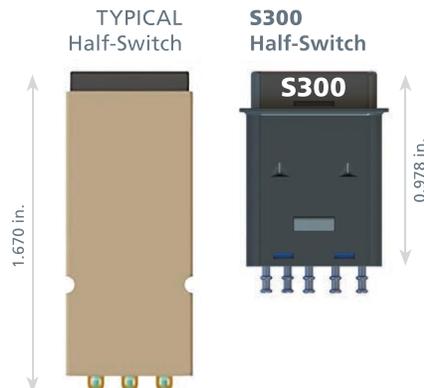
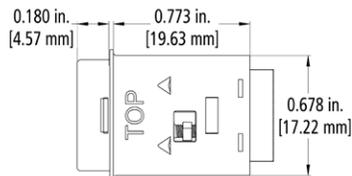
- ▶ Power consumption at 28 VDC: 0.728 W
- ▶ Power consumption at 5 VDC: 0.260 W
- ▶ Low touch temperature: +10 °C above ambient
- ▶ Electrical load range: 10 μ A to 10 A
- ▶ Mechanical life: 1,000,000 cycles
- ▶ Switch contact simultaneity: 250 μ s
- ▶ Switch contact bounce: 2 milliseconds max
- ▶ Contact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

FEATURES

Crimp Version



Solder/PCB Version



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