FEATURES

One-, two- and four-pole snap action

Long-life durability—1 million cycles

Individual mount or matrix mount

Crimp-pin, solder, or PC termination

Indicator, momentary, or alternate action

Light weight, short length

LED or incandescent illumination

Sunlight readable displays

NVIS compatibility (all colors)

Dripproof, splashproof, watertight seal, and solvent resistant options

Common or split ground circuit configurations

Qualified to MIL-PRF-22885/114

APPLICATIONS

Commercial Aircraft

Military Aircraft and Ground Vehicles

Naval Systems / Submarine Controls

Industrial Equipment and Control Systems

Launch Controls

S100 Four-Pole Lighted Switch

The Series 100 provides high reliability in a lightweight package with NVIS compatibility, sunlight readability, LED or incandescent illumination, and water-tight/solvent resistant sealing.

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S100

stacosystems™

MECHANICAL

- Actuation force: 2–5 lb (0.9–2.3 kg)
- Actuation travel: 0.130" ±0.030" (3.30 mm ±0.762 mm)
- Mounting torque: 10 ±2 oz in. (7.062 ±1.412 Ncm)

PHYSICAL

- Termination: crimp-pin, solder, or PC
- Length behind panel, solder: 1.74" ±0.020" (44.20 mm ±0.51 mm)
- Length behind panel, PC: 1.97" ±0.020" (50.04 mm ±0.51 mm)
- Length behind panel, crimp: 2.375" ±0.030" (60.33 mm ±0.76 mm)
- Mounting panel hole: 0.691" ±0.004" (17.55 mm ±0.10 mm)
- Weight: 0.98–1.09 oz (27.78–30.90 g) (varies per switch configuration)

ENVIRONMENTAL

- Operating temp: -40–159.8 °F (-40–71 °C)
- Storage temp: -67–185 °F (-55–85 °C)
- Thermal shock: MIL-STD-202
- Moisture: MIL-STD-202
- Salt spray: MIL-STD-202
- Sand & dust: MIL-STD-202 & MIL-PRF-22885
- Fungus: MIL-STD-454
- Shock: MIL-STD-202 & MIL-PRF-22885
- Explosion: MIL-STD-202
- Vibration: MIL-STD-202 & MIL-PRF-22885
- Shock-high impact: MIL-S-901
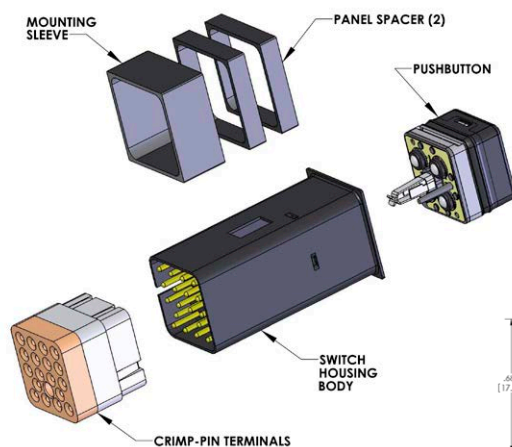
DISPLAYS

- Standard fonts, Greek and math symbols, custom language and special artwork
- Full face and two-, three-, and four-way split face
- Hidden, lighted, and colored legends
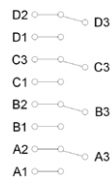- Colored, lighted, and black backgrounds

LED LIGHTING

- Voltage dimming available
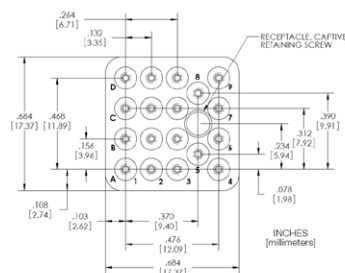- Source & sink applications
- NVIS compatibility
- Sunlight readable

FEATURES

Four-Pole, Double-Throw (4PDT)

Terminal Identification

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