

EXAMPLES OF APPLICATION SPECIFIC DESIGNS

Two-Step Trigger Switch with Boot Retaining Feature

Sealed to IP68S, this trigger switch was designed for use in a grip - specifically for sealed grip applications. This switch has an actuating force of 3.0 lbs. to make the first pole; 6.5 lbs. passing through a detent to actuate the second pole. Body is black and the trigger is red.

Rating: 10 amps Resistive @ 28VDC
U2-605



Two-Step Sealed Trigger Switch

This precision trigger switch offers two level operation with positive detent between levels. First level operates with 2.5 lbs. of force. It is moistureproof and dusttight sealed per MIL-PRF-8805, Sym. 2. The switch also provides electromagnetic pulse shielding. Trigger is gray. Body is black. Features OTTO B3 basic switches per MIL-PRF-8805.

Rating: 8 amps Resistive @ 28VDC
U2-037



Single Step Trigger Switch

This trigger switch is an excellent choice when a two step trigger is not required. Actuating force is 3 lbs. to pass through the detent and will continue travel after the detent.

Button: Grey thermoplastic
Housing: Black thermoplastic
Side covers: Black anodized aluminum
Rating: 7 amps Resistive @ 28VDC
U2-054



Military Qualified Trigger Switch

This precision trigger switch has an actuating force of 2.25 lbs. to make the first pole; 6.5 lbs. passing through a detent to actuate the second pole. Housing is black thermoplastic, button is red thermoplastic. Two models:

Cat. No.	MILITARY No.	Width (inches)
U2-016	M8805/111-01	0.641 +/- 0.016
U2-025	M8805/111-04	0.762 +/- 0.025

Rating: 7 amps @ 28VDC



Flight Grip Rocker Switch

Compact lightweight design for flight grips and other space sensitive installations.

- Shallow mounting depth
- ON-OFF-ON spring return to center
- 2 circuit (N.O.-N.C.) switches
- Utilizes OTTO B3 Basic switches per MIL-PRF-8805/101
- Low level switching (10mA @ 30mV) or standard rating (see B3 pages)
- Black anodized housing
- Black molded button

U2-621



Rocker Switch with Pushbuttons

This rocker switch with a beveled button style offers short behind panel depth by using two P8 momentary action, subminiature, double break pushbuttons. IP68S version available.

Button: Black Nylon
Standard Rating: 10 amps Resistive @ 28VDC
Low Level: 10mA @ 30mV
U2-278



Hall Effect Rocker

This linear output Hall effect rocker switch will meet your needs when long life is required. Rated for 2.5 million cycles, it was designed for demanding applications and is fully protected against electromagnetic and radio frequency interference (EMI and RFI) up to 100V/M.

U2-452



FNR - 3-Position Rocker

Compact, robust and reliable for grip or panel mount. The FNR is a 3-position switch that provides operator comfort by reducing the movement required to change direction and switch gears. The switch has a mechanical life of 1 million cycles.

FNR-1002 Standard 3-position rocker with 36" 20 AWG wire leads



NOTEWORTHY DESIGNS

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Integrated Flip Guard

Combines a pushbutton and flip guard into one assembly, offering a reliable panel seal up to IP68S. The guard can be maintained open or closed or have spring return to close. Available for both commercial and military applications.

Electrical Life: 25,000 cycles

Button: Thermoplastic

Case: Black hard coat anodized aluminum

Rating: 10 amps Resistive @ 28VDC

P3-90344



Park Brake

This heavy duty push-pull switch was designed specifically for off-road heavy duty equipment. With an electrical life of 200,000 cycles and watertight to IP68S, the U2-326 park brake switch can withstand the most demanding applications.

Push Force: 13.0 (58 N) +/- 50%

Pull Force: 6.1 (27 N) +/- 50%

Seal: Watertight to IP68S

Electrical Life: 200,000 cycles

Button: Aluminum alloy, red anodized

Housing: Aluminum alloy, black anodized

U2-651



4-Way Toggle with Large Bat Handle

This T4 toggle switch is a momentary return to center 4-way toggle with a large cone-shaped bat handle.

Enclosure Design: MIL-DTL-8805, Symbol 2 - Dusttight

Electrical Life: 50,000 cycles

Lever: Stainless Steel

Case & Mounting Plate: Black anodized aluminum alloy

Rating: 5 amps Resistive @ 30VDC

T4-0315



Low Level, Three-Position Trim Switch

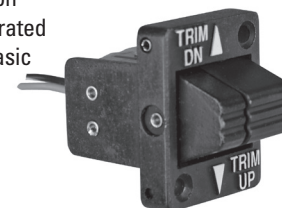
This low level trim switch is a double pole, double throw, center-off, three-position momentary switch. Poles may be operated independently. Made with three B2 basic switches, this switch is ideal for the aviation industry.

Bezel: Black chromium aluminum

Buttons: Black anodized aluminum

Rating: 10mA @ 30mV

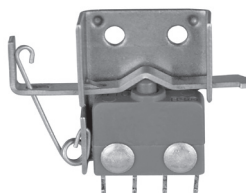
U2-652



Door Interlock Switch

Features a defeat function for special purpose applications. Normal logic requires the assembly to be mounted so the switch button is engaged by the actuator when the door is closed. When the door is opened, the spring disengages the actuator to turn off the machine. The assembly features an OTTO B3 double break snap-action basic switch.

U2-053



Miniature Toggle with Jeweled Handle

The jeweled handle on this miniature T3 toggle makes the switch easy to visually locate on a panel in low-light conditions. Works well in aviation applications or in any application where a control panel is populated with a large number of switches.

Seal: Sealed per MIL-DTL-83731

Handle & Lever: Stainless steel

Bushing: In accordance with MIL-DTL-3950

Rating: 5 amps Resistive @ 28VDC

T3-10129



T1 Toggle with IWTS Termination

Choose an integrated wire termination system (IWTS) for ease of installation. By using a special tool, there is no need to solder. Select from a variety of bat handles. T1 base shown here.



T3 Toggle with Custom Engraved Bat Handle

Add a custom engraved legend, lettering or logo to the bat handle of this miniature toggle with snap-action contact actuation. This toggle, with a 15/32-32 bushing, is an excellent choice for switching loads from logic level up to 5 amps.

Bat Handle: Anodized stainless steel in a variety of colors

Rating: 5 amps Resistive @ 28VDC

