

# Presslites

## Watertight Switch

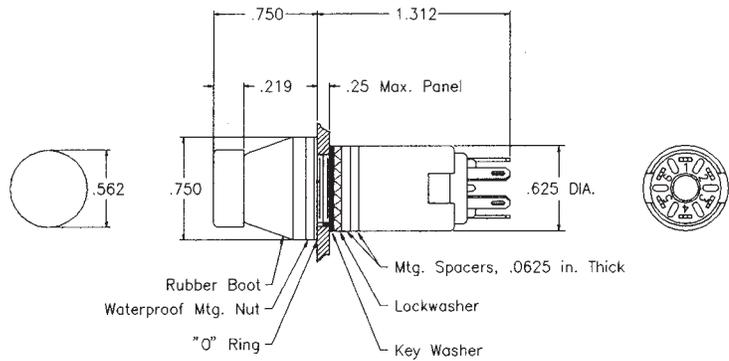
## INDICATOR LIGHTS



### Watertight, 3 Amp Momentary Action



Type 643



This switch features a gray silicone rubber boot and rubber washer which provide a true watertight seal from the front of the mounting panel. The pushbutton screws into the switch base and may be removed from the front of the panel for relamping.

When switching a 3 amp resistive load, life expectancy exceeds 1 million cycles.

The linear action switch mechanism is provided with a special overtravel device which prevents damage to the contacts from excessive pushbutton pressure and assures positive engagement of the contacts at an optimum force. To assure immunity to mildly corrosive environments, all terminals, contacts, and springs are heavy gold flashed.

#### Switch Characteristics

Contact rating: 3 amps resistive at 115 VAC or 30 VDC.  
Nominal pushbutton travel: .125 in. including .031 in. pretravel and .031 in. overtravel.

Nominal operating force: 48 oz.

#### Material and Finishes

Pushbutton: high impact resistant plastic per L-P-349.

Lens holder: aluminum, black anodized.

Rubber boot and "O" ring: silicone rubber

Mounting tube and spacers: aluminum, anodized per MIL-A-8625.

Keywasher: brass, nickel plated.

Lockwasher: stainless steel.

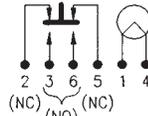
Terminal board: molded thermoset plastic.

Terminals and contacts: coin silver, gold plated.

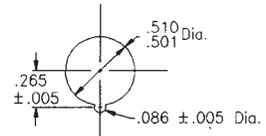
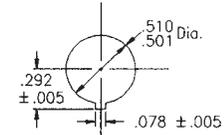
#### Lamp

T-1 ¾, bulb with midget flange base. See Lamp Selection Guide. Choose from Group A.

#### Schematics



#### Panel Cutouts



Key washer and slot may be omitted in some installations.

#### Complete Assembly Part Numbers (Less Lamp)

Transparent Pushbutton Colors	Part Number
Clear*	643-35-7
Red	643-36-7
Green	643-37-7
Amber	643-38-7
Blue	643-311-7
Orange	643-316-7
Off-white	643-317-7

Translucent colors: Add "TL" to first Dash Number of Part Number. \*White if translucent color specified. To order complete assembly with lamp installed, add Lamp Number as 3 digit suffix to Part Number. Example: 643-36-7-327.