

Presslite Switches

INDICATOR LIGHTS



Presslites Friction Cap

A versatile and expanding line of modular Presslite switches and matching indicator assemblies is the end product of years of continuing design improvements. The Friction Cap Presslite Series provides the broadest possible flexibility in terms of electrical characteristics, appearance and mounting procedure, allowing the user to "engineer" a switch assembly to meet specific requirements.

Many pushbutton sizes and configurations are offered, with sufficient space for engraved legends or symbols. A wide range of mounting hardware is available to meet virtually every panel appearance or mounting requirement

Presslites Friction Cap Bases

A wide range of electrical ratings and contact configurations are available in both alternate (push-on/push-off) and momentary operation. All assemblies accept size T-1 3/4 lamps. Unless otherwise specified in the following pages, materials for Friction Cap bases are as follows:

Contacts

Coin Silver (Gold plated contacts are available on some types.)

Solder Terminals

Coin Silver or Plated Brass

Terminal Insulation

Molded Thermoset Plastic

Housing

Anodized Aluminum (except 10.1 amp bases, which have thermoplastic housing and nickel plated brass mounting bushing.)

Switch Life Expectancies

| <u>Rating</u> | <u>Type</u> | <u>Expected Life at Rated Load</u> |
|---------------|--|------------------------------------|
| .5 Amp | 591 | 1 to 3 million cycles |
| 3 Amps | 543, 546, 643 | 1 to 2 million cycles |
| 5 Amps | 416, 418, 516, 518, 520, 521, 616, 618 | 500,000 to 1 million cycles |
| 10.1 Amps | 5710, 5720, 5810, 5820, 6710, 6720, 6810, 6820 | 100,000 cycles |
| 15 Amps | 517, 519 | 50,000 to 100,000 cycles |

The complete part number for a Friction Cap Presslite assembly consists of four blocks of digits, such as the following:

