

## LS-Series Rocker Switches



The LS-Series Softspot illuminated rocker switches feature a three-color high brightness light sequence, from a single lamp. These switches are designed with a standard nylon snap-in bracket and “Drip-Dry” construction that protects the front panel from dust and moisture, and are ideal for Marine and Transportation industry applications.

### Dielectric Strength

1000V - live to dead metal parts

### Electrical Life

50,000 cycles- maintained

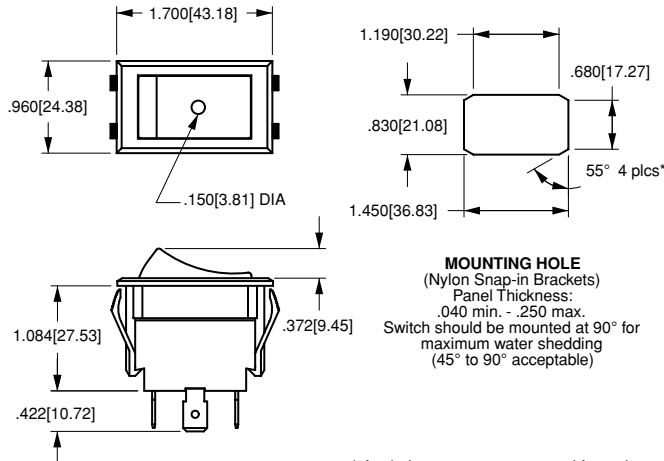
25,000 cycles- momentary

### Mechanical Life

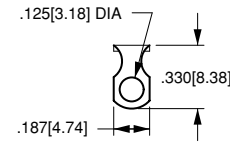
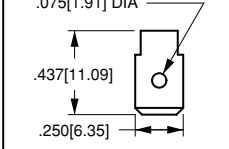
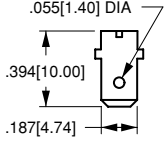
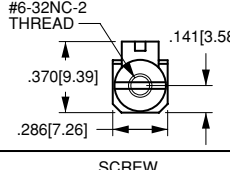
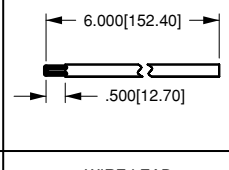
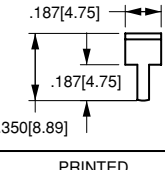
100,000 cycles

### Operating Temperature

0°F to 150°F (-17.8°C to +65.6°C)



\* Angled corners are suggested for optimum fit.  
Standard rectangular cutout is acceptable.

|                                                                                    |                                                                                     |                                                                                     |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |
| .125[3.18] DIA                                                                     | .075[1.91] DIA                                                                      | .055[1.40] DIA                                                                      |
| .330[8.38]                                                                         | .437[11.09]                                                                         | .394[10.00]                                                                         |
| .187[4.74]                                                                         | .250[6.35]                                                                          | .187[4.74]                                                                          |
| SOLDER LUG                                                                         | .250 TAB (Q.C.)                                                                     | .187 TAB (Q.C.)                                                                     |
| <b>TERMINAL TYPE</b>                                                               |                                                                                     |                                                                                     |
|  |  |  |
| #6-32NC-2<br>THREAD                                                                | 6.000[152.40]                                                                       | .187[4.75]                                                                          |
| .370[9.39]                                                                         | .500[12.70]                                                                         | .187[4.75]                                                                          |
| .286[7.26]                                                                         |                                                                                     | .350[8.89]                                                                          |
| SCREW<br>(ASSEMBLED)                                                               | WIRE LEAD                                                                           | PRINTED<br>CIRCUIT                                                                  |

**LS1511 - 13 - BL - BL - 012**

1  
Base Part Number

2  
Lighting  
Sequence

3  
Actuator  
Color

4  
Base  
Color

5  
Lamp  
Voltage

### 1 BASE PART NUMBER: SERIES/POLES/ILLUMINATION/ CIRCUITRY/RATING/TERMINATION<sup>1</sup>

|               | 10A 250VAC, 15A 125VAC, 3/4 HP 125-250VAC, 15A 15-28VDC |          |             |            |
|---------------|---------------------------------------------------------|----------|-------------|------------|
| Single Pole   | solder lug                                              | .250 tab | screw term. | wire leads |
| ON-NONE-OFF   | LS1510                                                  | LS1511   | LS1514      | LS1515     |
| ON-NONE-(OFF) | LS1520                                                  | LS1521   | LS1524      | LS1525     |
| (ON)-NONE-OFF | LS1530                                                  | LS1531   | LS1534      | LS1535     |
| ON-NONE-ON    | LS1540                                                  | LS1541   | LS1544      | LS1545     |
| ON-NONE-(ON)  | LS1550                                                  | LS1551   | LS1554      | LS1555     |
| ON-OFF-ON     | LS1560                                                  | LS1561   | LS1564      | LS1565     |
| ON--OFF-(ON)  | LS1570                                                  | LS1571   | LS1574      | LS1575     |
| (ON)-OFF-(ON) | LS1580                                                  | LS1581   | LS1584      | LS1585     |

### 2 LIGHTING SEQUENCE<sup>1,2</sup>

|    | position 1 | position 2 | position 3 |
|----|------------|------------|------------|
| 01 | red        | red        | red        |
| 02 | amber      | amber      | amber      |
| 03 | green      | green      | green      |
| 10 | red        | ---        | none       |
| 11 | red        | clear      | red        |
| 12 | red        | clear      | amber      |
| 13 | red        | clear      | green      |
| 14 | red        | clear      | blue       |
| 15 | red        | clear      | clear      |
| 20 | amber      | ---        | none       |
| 21 | amber      | clear      | red        |
| 22 | amber      | clear      | amber      |
| 23 | amber      | clear      | green      |
| 24 | amber      | clear      | blue       |
| 25 | amber      | clear      | clear      |
| 30 | green      | ---        | none       |
| 31 | green      | clear      | red        |
| 32 | green      | clear      | amber      |
| 33 | green      | clear      | green      |
| 34 | green      | clear      | blue       |
| 35 | green      | clear      | clear      |
| 40 | blue       | ---        | none       |
| 41 | blue       | clear      | red        |
| 42 | blue       | clear      | amber      |
| 43 | blue       | clear      | green      |
| 44 | blue       | clear      | blue       |
| 45 | blue       | clear      | clear      |
| 50 | clear      | ---        | none       |
| 51 | clear      | clear      | red        |
| 52 | clear      | clear      | amber      |
| 53 | clear      | clear      | green      |
| 54 | clear      | clear      | blue       |
| 55 | clear      | clear      | clear      |

### 3 ACTUATOR COLOR<sup>4</sup>

BL black  
WH white

### 4 BASE COLOR<sup>4</sup>

BL black  
WH white

### 5 LAMP VOLTAGE<sup>2</sup>

**neon**  
125 125 volts neon  
250 250 volts  
**incandescent**  
006 6 volts  
012 12 volts  
018 18 volts  
024 24 volts

### NOTES

- Independent lamp is standard. Dependent lamp with ON-OFF function (including momentary) is available with Lighting Sequences 10, 20, 30, 40 and 50. (No light in OFF position.)
- Green and blue not recommended with 125 volt or 250 volt neon lamps.
- Additional terminations available. Consult factory.
- Custom colors available. Consult factory.
- ( ) Indicates momentary function.