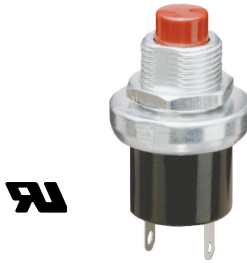


## SERIES 10 SERIES 4000 SPST, 1 and 3 Amp

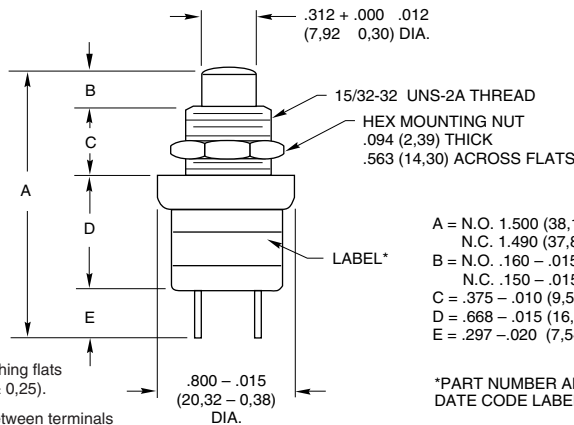
### FEATURES

- Momentary or Momentary With Positive Feel
- UL Recognized at 3 Amps



### DIMENSIONS in Inches (and millimeters)

4001(UL)  
10-09 (UL)  
10-100  
4002 (UL)  
10-10 (UL)  
10-101

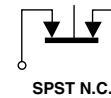
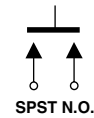


Dimension across bushing flats is  $.406 \pm .010$  (10,31  $\pm$  0,25).  
The inside distance between terminals is  $.359$  (9,12) at the switch base.

A = N.O. 1.500 (38,1) REF.  
N.C. 1.490 (37,8) REF.  
B = N.O.  $.160 - .015$  (4,06 - 0,38)  
N.C.  $.150 - .015$  (3,81 - 0,38)  
C =  $.375 - .010$  (9,53 - 0,25)  
D =  $.668 - .015$  (16,97 - 0,38)  
E =  $.297 - .020$  (7,54 - 0,51)

| Action                                    | Part No.            | Circuitry | Oper. at Rated Load | Rating at 115 Vac Resistive | Rating at 220 Vac Resistive | Actuating Force |
|---|---------------------|-----------|---------------------|-----------------------------|-----------------------------|-----------------|
| Momentary                                 | 4001<br>10-09       | SPST-N.O. | 100,000             | 1 Amp                       | 1/2 Amp                     | 22 oz. $\pm$ 8  |
| Momentary                                 | 4002<br>10-10       | SPST-N.C. | 100,000             | 1 Amp                       | 1/2 Amp                     | 23 oz. $\pm$ 7  |
| Pos. Feel                                 | 10-100              | SPST-N.O. | 100,000             | 1 Amp                       | 1/2 Amp                     | 35 oz. $\pm$ 8  |
| Pos. Feel                                 | 10-101              | SPST-N.C. | 100,000             | 1 Amp                       | 1/2 Amp                     | 35 oz. $\pm$ 10 |
| <b>Underwriters Laboratory Recognized</b> |                     |           |                     |                             |                             |                 |
| Momentary                                 | 4001 UL<br>10-09 UL | SPST-N.O. | 6,000               | 3 Amp                       | —                           | 22 oz. $\pm$ 8  |
| Momentary                                 | 4002 UL<br>10-10 UL | SPST-N.C. | 6,000               | 3 Amp                       | —                           | 23 oz. $\pm$ 7  |

### CIRCUITRY



### ACCESSORIES



**Decorative Mounting Nut**  
Part No. 07C1040-1



**Button Guard**  
Part No. 10C1015-1

### SPECIFICATIONS

#### Rating Criteria

**Rated:** See chart above

**Contact Resistance:** 25 milliohms or less on a new switch

**Voltage Breakdown:** 1,000 Vac between mutually insulated parts

**Insulation Resistance:** 1,000 megohms minimum

#### Additional Characteristics

**Total Travel:** Normally open  $.140 \pm .032$  (3,56  $\pm$  0,81). Normally closed  $.110 + .010 / - .020$  (2,79 + 0,25 / - 0,51).

**Overtravel:** Normally open  $.020$  (0,51) min.

**Pretravel:** Normally closed  $.010$  (0,25) min.

**Operating Temperature:**  $-40^{\circ}\text{C}$  to  $+85^{\circ}\text{C}$

**UL Recognition:** See chart above for rating. UL file number is 35289.

#### Materials and Finishes

**Mounting Nut:** Brass, tin zinc

**Mounting Bushing and Cover:** Zinc, zinc trivalent chromate-plated

**Button and Base:** Thermoset plastic

**Shorting Bar:** Brass, silver-plated

**Spring:** Tinned music wire

**Contact Terminals:** Beryllium copper, silver-plated  $.0003''$  to  $.0005''$

#### STANDARD OPTIONS

Epoxy sealed terminals are not available through distributors.

For terminals bent at  $90^{\circ}$ , contact Grayhill.

### ORDERING INFORMATION

| Description & Button Color       | Part No.  |
|----------------------------------|-----------|
| SPST, N.O., Red                  | 4001      |
| SPST, N.O., Black                | 10-09     |
| SPST, N.O., UL, Red              | 4001UL    |
| SPST, N.O., UL, Black            | 10-09 UL  |
| SPST, N.O., Positive Feel, Red   | 10-100    |
| SPST, N.C., Positive Feel, Black | 10-101    |
| SPST, N.C., Red                  | 10-10     |
| SPST, N.C., Black                | 4002      |
| SPST, N.C., UL, Red              | 10-10 UL  |
| SPST, N.C., UL Black             | 4002 UL   |
| Accessory Nut                    | 07C1040-1 |
| Accessory Button Guard           | 10C1015-1 |

# AMEYA360

## Components Supply Platform

Authorized Distribution Brand :



Website :

Welcome to visit [www.ameya360.com](http://www.ameya360.com)

Contact Us :

➤ Address :

401 Building No.5, JiuGe Business Center, Lane 2301, Yishan Rd  
Minhang District, Shanghai , China

➤ Sales :

Direct +86 (21) 6401-6692

Email [amall@ameya360.com](mailto:amall@ameya360.com)

QQ 800077892

Skype [ameyasales1](#) [ameyasales2](#)

➤ Customer Service :

Email [service@ameya360.com](mailto:service@ameya360.com)

➤ Partnership :

Tel +86 (21) 64016692-8333

Email [mkt@ameya360.com](mailto:mkt@ameya360.com)