

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

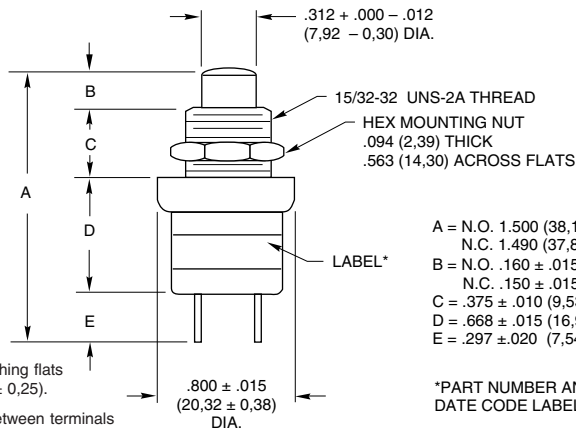
### FEATURES

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



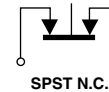
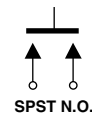
### DIMENSIONS In Inches (and millimeters)

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



Action	Part No.	Circuitry	Oper. at Rated Load	Rating at 115 Vac Resistive	Rating at 220 Vac Resistive	Actuating Force
Momentary	4001 10-09	SPST-N.O.	100,000	1 Amp	1/2 Amp	22 oz. ± 8
Momentary	4002 10-10	SPST-N.C.	100,000	1 Amp	1/2 Amp	23 oz. ± 7
Pos. Feel	10-100	SPST-N.O.	100,000	1 Amp	1/2 Amp	35 oz. ± 8
Pos. Feel	10-101	SPST-N.C.	100,000	1 Amp	1/2 Amp	35 oz. ± 10
<b>Underwriters Laboratory Recognized</b>						
Momentary	4001 UL 10-09 UL	SPST-N.O.	6,000	3 Amp	—	22 oz. ± 8
Momentary	4002 UL 10-10 UL	SPST-N.C.	6,000	3 Amp	—	23 oz. ± 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 ± .032 (3,56 ± 0,81). Normally closed .110 ± .010/ - .020 (2,79 + 0,25/ - 0,51).

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

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

**Operating Temperature:** -40°C to +85°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°, 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

Available from your local Grayhill Distributor. For prices and discounts, contact a local Sales Office, an authorized local Distributor or Grayhill.