

SERIES 10 SERIES 4000 SPST, 1 and 3 Amp

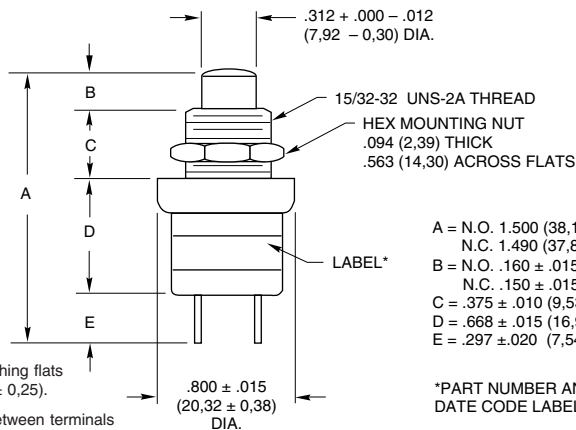
FEATURES

- 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

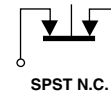
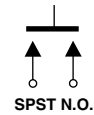


Dimension across bushing flats is $.406 \pm .010$ (10,31 \pm 0,25).
The inside distance between terminals is $.359$ (9,12) at the switch base.

A = N.O. 1.500 (38,1) REF.
N.C. 1.490 (37,8) REF.
B = N.O. $.160 \pm .015$ (4,06 \pm 0,38)
N.C. $.150 \pm .015$ (3,81 \pm 0,38)
C = $.375 \pm .010$ (9,53 \pm 0,25)
D = $.668 \pm .015$ (16,97 \pm 0,38)
E = $.297 \pm .020$ (7,54 \pm 0,51)
*PART NUMBER AND E.I.A. DATE CODE LABEL

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. \pm 8
Momentary	4002 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
Underwriters Laboratory Recognized						
Momentary	4001 UL 10-09 UL	SPST-N.O.	6,000	3 Amp	—	22 oz. \pm 8
Momentary	4002 UL 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) minimum

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

Operating Temperature: -40°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° , 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.