

SERIES 10 SERIES 4000 SPST, 1 and 3 Amp

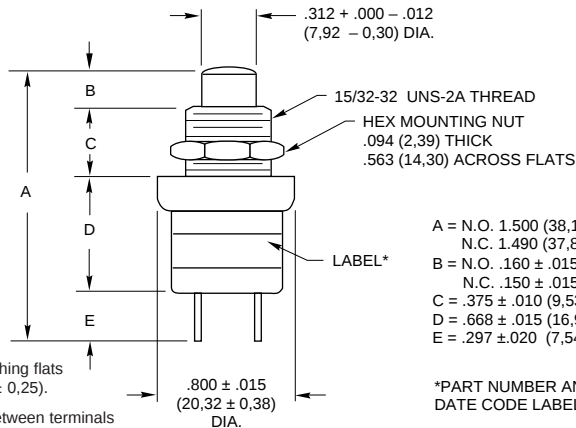
FEATURES

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



DIMENSIONS In Inches (and millimeters)

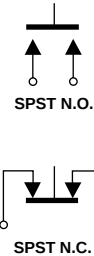
4001(UL)
10-09 (UL)
10-100
4002 (UL)
10-10 (UL)
10-101



Dimension across bushing flats is .406 ± .010 (10.31 ± 0.25).
The inside distance between terminals is .359 (9.12) at the switch base.

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
Underwriters Laboratory Recognized						
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

For dimensions, materials and additional accessories, see page E-36.

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, cadmium-plated

Mounting Bushing and Cover: Zinc, cadmium-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.