



Pushbutton



- ***Extended pre-travel or over-travel***
- ***Heavy-duty brass plunger***
- ***Long electrical life — 100K cycles***
- ***RoHS compliant***

- **Telecommunications**
- **High end Instrumentation**
- **Medical & test equipment**
- **Detection**

CONTACT RATING: Q contact material: 1 AMP @
120 V AC or 28 V DC. See page A-74 for additional ratings.

ELECTRICAL LIFE: 100,000 actuations at full load.

CONTACT RESISTANCE: Below 30 mΩ typ. Initial @
2-4 V DC, 100 mA.

INSULATION RESISTANCE: 10³Ω min.

DIELECTRIC STRENGTH: 1,000 Vrms min. @ sea level.

OPERATING TEMPERATURE: -30°C to 65°C.

NOTE: Specifications and materials listed above are for switches with standard options. For information on specific and custom switches, consult Customer Service Center.

CASE: Diallyl phthalate (DAP) (UL 94V-0).

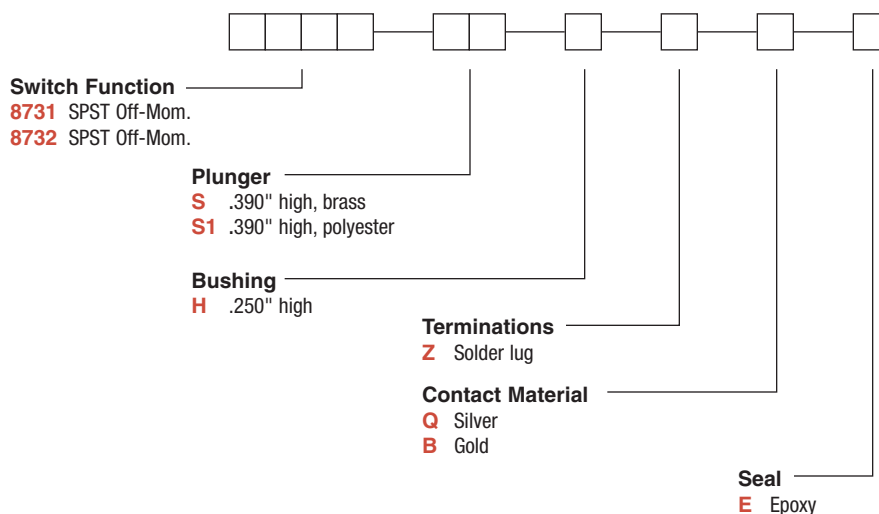
8731 – .390" brass, nickel plated.
8732 – .390" PBT polyester, black.

CONTACTS: Q contact material: Coin silver, silver plated. See page A-74 for additional contact materials.

TERMINAL SEAL: Epoxy.

HARDWARE: Nut: Brass, nickel plated; lockwasher: Steel, bright nickel plate. One mounting nut & lockwasher supplied with all switches.

To order, simply select desired option from each category and place in the appropriate box. Available options are shown and described on pages A-73 and A-74. For additional options not shown in catalog, consult Customer Service Center. All models have epoxy terminal seal and are compatible with all “bottom-wash” PCB cleaning methods.



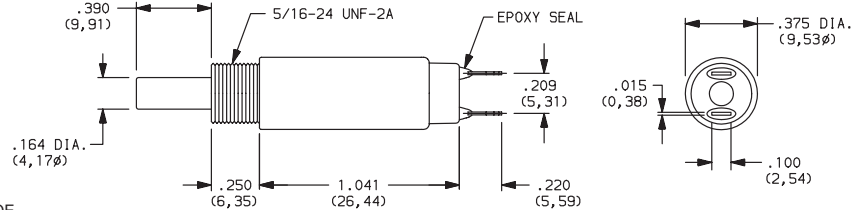
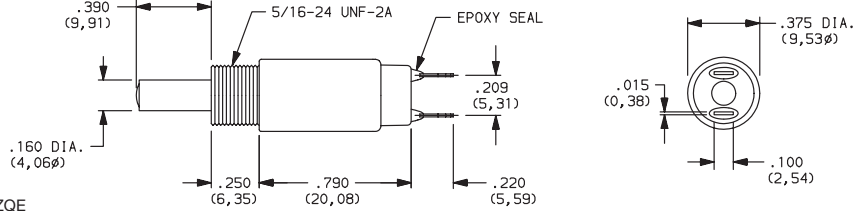
A-72

www.ittcannon.com

C&K 8700 Series Overtravel Pushbutton Switches



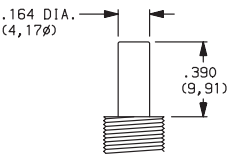
SWITCH FUNCTION

NO. POLES	MODEL NO.	SWITCH FUNCTION		TOTAL TRAVEL	ACTUATION FORCE	SCHEMATIC
		POS. 1	POS. 2			
						
SP	8731	OFF	MOM.	.390 (9,91) TYP. with overtravel .311 TYP.	4.7 oz TYP.	N.O. with overtravel SPST 
SPST  Part number shown: 8731SHZQE						
SP	8732	OFF	MOM.	.390 (9,91) TYP. with overtravel .350 TYP.	2.2 oz TYP.	N.O. with overtravel SPST 
SPST  Part number shown: 8732SH1HZQE						

MOM. = Momentary

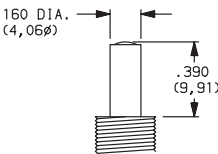
PLUNGER

S .390" HIGH, BRASS



Available with 8731 model only.

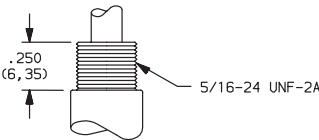
S1 .390" HIGH, PBT POLYESTER



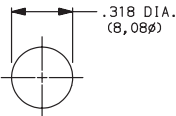
Available with 8732 model only.

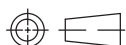
BUSHING

H .250" HIGH



PANEL MOUNTING




 Third Angle
Projection

Dimensions are shown: Inches (mm)
 Specifications and dimensions subject to change



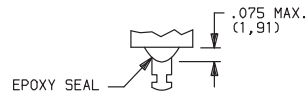
TERMINATIONS



SEAL



E EPOXY SEAL



www.ittcannon.com