SNAP MOUNT PLUNGER SWITCHES
Model Series 6700/6710/6711

- Snap mount configurations
- Allows for quick installation
- One or two independent electrical poles
- RoHS, REACH and Conflict Mineral compliant as noted*

OPERATION

Delta Systems' Plunger Switches are used to sense the position of mechanical linkages and controls. The patented wiping action switch contact prevents carbon buildup, keeping contact resistance low and extending switch life in rugged environments.

ELECTRICAL SPECIFICATIONS

Cycles: Resistive: 75,000, Inductive: 10,000
Operating Voltage: Range: 12-14V_{DC}
Operating Current: 3 Amps
Pre travel : .40-.150 inches
Operating Temperature Range: -20 °F to 150 °F

ENVIRONMENTAL RATINGS

Exposure	Specification
Salt Fog	ASTM B117. 96 hours
Chemical Resistance	ASTM Ref C Fuel, Diesel Fuel, Oil, Antifreeze, Freon, Paint, Latex, Gasoline, Gas with 10% ethanol, WD-40, Battery Acid, Ammoniated Glass Cleaner, Kerosene, GOJO® Fertilizer

SNAP MOUNT PLUNGERS SWITCHES
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AVAILABLE CONFIGURATIONS

Snap Mount Only
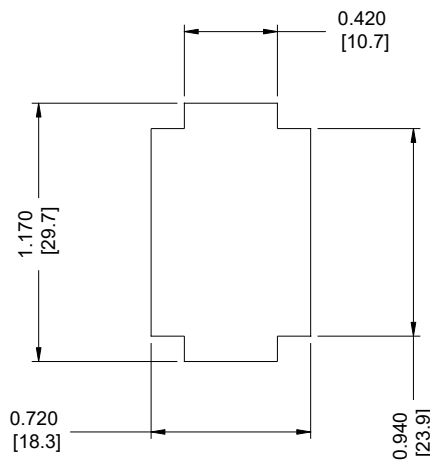
Product Line	Part Number	Electrical Configuration	Mounting Type	Mating Connector	Environmental Rating
Plungers - Basic	6700-01B	NO/NC	Snap	Delphi 2977048	Unsealed
Plungers - Basic	6700-30	NO	Snap	Delphi 2973872	Unsealed
Plungers - Basic	6700-31	NC	Snap	Delphi 2973872	Unsealed
Plungers - Basic	6700-50B	NO/NO	Snap	Delphi 2977048	Unsealed
Plungers - Basic	6700-51B	NC/NC	Snap	Delphi 2977048	Unsealed
Plungers - Basic	6710-01B	NO/NC	Snap	Delphi 2977048	Splash-proof Plunger**
Plungers - Basic	6710-31	NC	Snap	Delphi 2973872	Splash-proof Plunger**
Plungers - Basic	6710-50B*	NO/NO	Snap	Delphi 2977048	Splash-proof Plunger**
Plungers - Basic	6711-31*	NC	Snap	Delphi 2973872	Splash-proof Plunger**

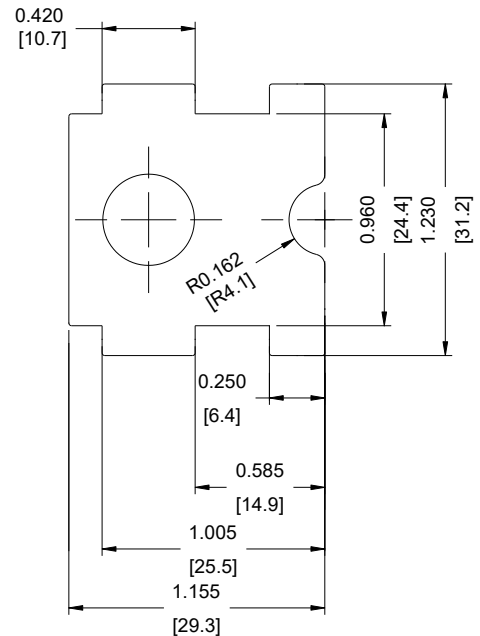* **Not** RoHS, REACH and Conflict Mineral compliant

**Splash-proof switches have an elastomer boot covering the opening of the switch at the plunger.

MOUNTING

TOP MOUNT PANEL CUT OUT

0.420 [10.7]
1.170 [29.7]
0.720 [18.3]
0.940 [23.9]

BOTTOM MOUNT PANEL CUT OUT

0.420 [10.7]
0.960 [24.4]
1.230 [31.2]
R0.162 [R4.1]
0.250 [6.4]
0.585 [14.9]
1.005 [25.5]
1.155 [29.3]

Snap wings accommodate panel thicknesses of .055, .120, .160, and .190 for top mount. Panels less than 11 gauge are accommodated for bottom mount.
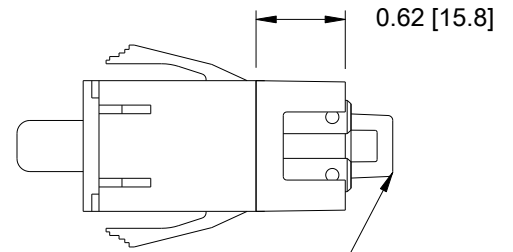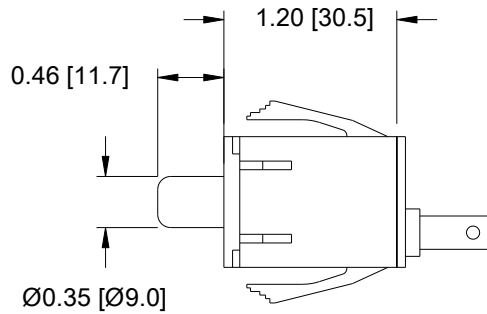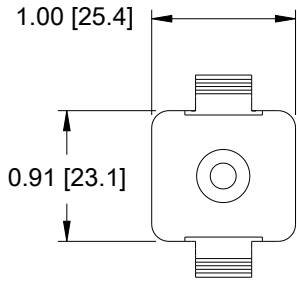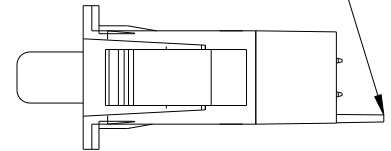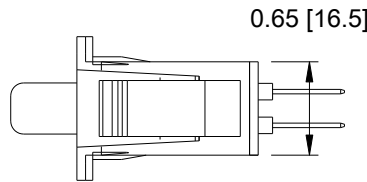
DIMENSIONS

Note: For specific Part information please refer to the Application print.

6700 Series

SINGLE POLE

DOUBLE POLE

1.00 [25.4]

0.91 [23.1]
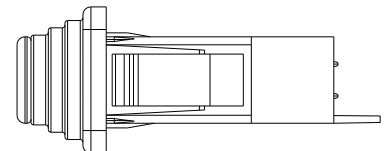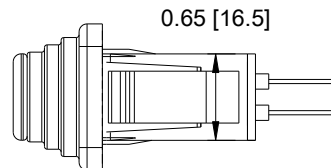
1.20 [30.5]

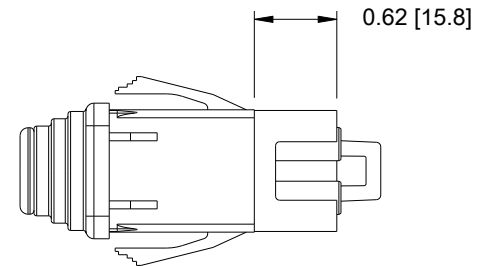0.46 [11.7]

Ø0.35 [Ø9.0]

0.62 [15.8]

P/N 6700-50A DOES NOT HAVE
CONNECTOR LATCHING TAB

0.65 [16.5]

6710 Series

SINGLE POLE

DOUBLE POLE

1.02 [25.9]

1.10 [27.9]

1.15 [29.3]

Ø0.65 [Ø16.5]

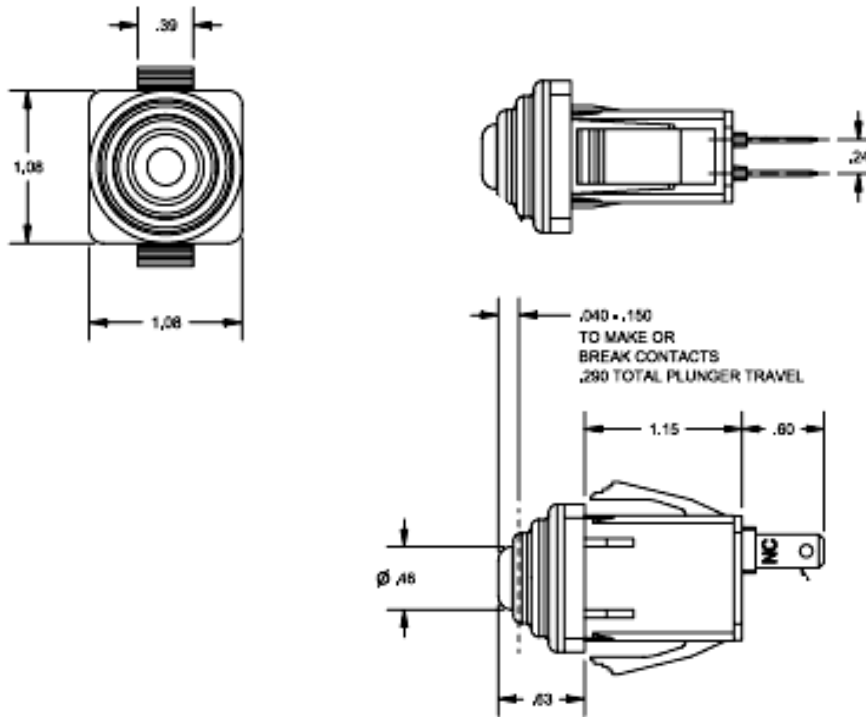0.67 [17.0]

0.62 [15.8]

0.65 [16.5]
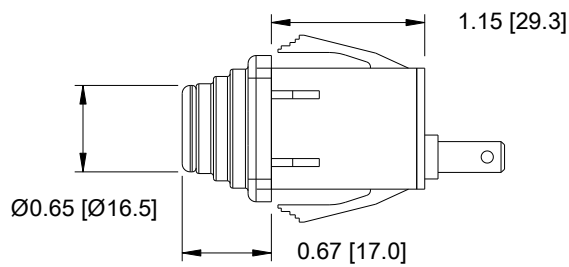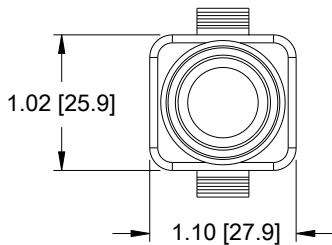
SNAP MOUNT PLUNGER SWITCHES
Model Series 6700/6710/6711

DIMENSIONS

Note: For specific Part information please refer to the Application print.

6711 Series

Note: Life expectancy and switch performance are largely dependent on application. It is the user's responsibility to determine suitability of this product for the application. This information is intended as a guide for proper application.