

# SEALED PLUNGER SWITCHES

## Model Series 6403



- Sealed to Ingress IP67
- One or two independent electrical circuits
- Blue housing for quick identification
- Mounting Type-Quick Installation
- Easy to design into your application
- RoHS, REACH and Conflict Mineral compliant

### OPERATION

Delta Systems' Sealed Plunger Switches are sealed to IP67, both plunger and terminal sides. These switches have the same form, fit and function as their unsealed counterparts. 6403 Series are designed where high reliability is required in a harsh environment application.

### ELECTRICAL SPECIFICATIONS

Cycles: Resistive: 75,000, Inductive: 10,000  
 Operating Voltage: Range: 9-16V<sub>DC</sub>  
 Operating Current: 3 Amps  
 Pre-travel, inches: .040-.150  
 Static Force @ 0.48" Travel 8.1+/-0.3 lb.

### ENVIRONMENTAL RATINGS

Exposure	Specification
Ingress Protection	IEC IP67
Operating Temperature Range	-30 °C to 65 °C
Chemical Resistance	EP455-5.8 Brush, Gasoline, Diesel Fuel, Hydraulic Oil, Engine Oil, 10% DEET Bug Repellent, Salt Water Solution, Wax, Sunscreen, Insect Killer, Weed Killer, Liquid Fertilizer, Bleach Disinfectant Spray, Mole Repellent, Bleach, Ammonia, Isopropyl Alcohol, Degreaser, Battery Acid

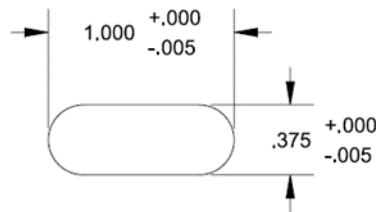
## AVAILABLE CONFIGURATIONS

Product Line	Part Number	Electrical Configuration	Mounting Type	Mating Connector	Environmental Rating
Plungers - Sealed	6403-82	NO	Snap In	Packard 56 Series Female	IP67
Plungers - Sealed	6403-84	NO/NC	Snap In	Packard 56 Series Female	IP67

## DIMENSIONS

Note: Please refer to the Application print

## RECOMMENDED MOUNTING



RECOMMENDED MOUNTING SLOT SWITCH WILL ACCEPT .108 & .170  
PANEL THICKNESSES INCLUDING PAINT, DECALS, ETC

\*SQUARE EDGE REQUIRED ON WING RETENTION SIDE OF SLOT

## PANEL THICKNESS

Panel Thickness: 0.108" and 0.170" including paint, decals, etc.

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.