

5277 SERIES PIEZO SWITCH

WEATHER PROOF HEAVY DUTY STAINLESS STEEL SWITCHES



Features:

**Heavy Duty Stainless Steel
Button and Plate**

Weather Proof

Adjustable Timer 1 to 60 Seconds

Toggle Mode ON/OFF

Narrow Jamb Mount Available

Status Indicating LED Ring

Designed for use in abusive applications:

The 5277-PZL Series Piezo Switch is extra rugged and weather resistant so it can withstand the rigors and abuse of everyday use. It is an industrial strength switch designed for heavy usage applications. It is constructed with a stainless-steel mounting plate and sealed electronics enclosure. The stainless-steel Piezo button requires just a light touch to activate.

Adjustable Timer:

The 5277-PZL Series Piezoelectric Switch has an integrated time delay adjustable from 1 thru 60 seconds. It can be used to control automatic doors, electric strikes or electromagnetic locks. There is also a Toggle (on/off) mode for maintained functionality.

LED Status Indicator:

The 5277-PZL Series features a bicolored LED illuminated ring. The output is jumper selectable to show Relay On or Relay Off status with options for red, green, or no illumination. The LED ring may also be independently controlled to indicate door or lock state.

Interlock & Mantrap Applications:

The highly visible LED ring may be independently controlled and used to indicate door status for access to Mantraps & Interlocks.

Access Control Applications:

When used in conjunction with access control software/hardware, the DC power to the maglock is routed through the set of normally closed contacts to assure unlocking of the maglock when the 5277-PZL Push button is activated. Simultaneously, a separate set of normally open contacts signal the access control system of a request to exit (R-E-X).

Rugged Construction:

The 5277-PZL series is mounted on a 1/8" thick Stainless Steel back plate. Mounting screws are furnished in Phillips head and Pin in Hex tamper resistant (hex key included) screws are all stainless steel for corrosion protection.

Versatile Mounting:

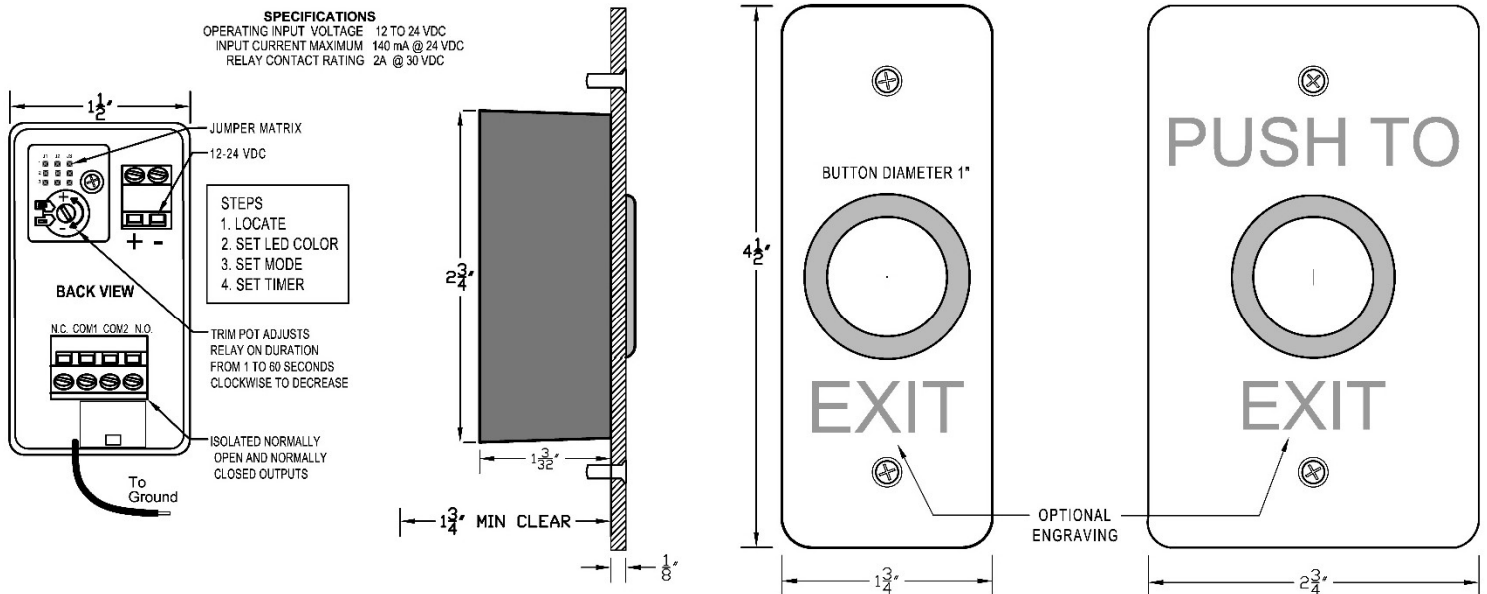
The choice of single gang "W" series or narrow "N" series jamb mount version covers a wide variety of installation applications. The device mounts to a standard single gang switch box, or mortise mounted into a door jamb. A Neoprene gasket is supplied with all switches.

Text Engraving Options:

The 5277-PZL series has standard engraving options to suit the particular application. Red filled lettering stands out for easy reading.



Product Specifications



Model Descriptions:

W5277-PZL =1 Set NO 1 Set NC contacts with tricolor LED Indicator Ring Single gang Stainless Steel Switch Plate

W5277-PZLxE1 =1 Set NO 1 Set NC contacts with tricolor LED Indicator Ring Single gang Stainless Steel Plate Engraved "PUSH TO EXIT" (red text)

W5277-PZLxE3 =1 Set NO 1 Set NC contacts with tricolor LED Indicator ring Single gang Stainless Steel Plate Engraved "EXIT" (red text)

N5277-PZL =1 Set No 1 Set NC contacts with tricolor LED Indicator Ring Narrow 1-3/4" Stainless Steel Plate

N5277-PZLxE3 =1 Set No 1 Set NC contacts with tricolor LED Indicator Ring Narrow 1-3/4" Stainless Steel Plate Engraved "EXIT" (red text)

Electrical Specifications:

Input Voltage:

12 to 24 VDC

Relay Outputs:

2 Isolated Outputs
 One Normally Open
 One Normally Closed

Relay Life:

1/2 Million cycles 1A@30VDC
 1/4 Million cycles 2A@30VDC

Current Draw:

Relay On, LED's On: 140mA @ 24VDC

LED Illumination: (Jumper selectable)

Relay OFF: Red, Green or No LED Illumination.
Relay ON: Red, Green Or No LED Illumination
 LED status may be independently controlled (see mounting instructions for operation)

Switch Operating Environment:

Piezo button switch life: 1 Billion cycles Indoor & Outdoor (meets IP-65)

Operating Temperature:

-31°F to 151°F, -35°C to 66°C

Operating Humidity:

0 to 85% (non-Condensing)

Dimensions:

W=1-Gang 4-1/2" H x 2-3/4" W
 N=Narrow 4-1/2" H x 1-3/4" W

Specifications Guide:

Switch controls shall be by Dortronics Systems, Inc. Piezo push button station controls shall be Time Delay type.

One Normally Open
 One Normally Closed
 Rated 2A 30VDC Resistive

Time delay station controls shall be adjustable from 1-60 seconds

LED Illumination Status:

Jumper selectable

Relay OFF: Red, Green Or No LED Illumination

Relay ON: Red, Green Or No LED Illumination

LED status may also be externally controlled independent of the relay state.

Unless noted otherwise, push button switch assemblies shall be flush wall mounted to standard, recess mounted, electrical boxes. Mounting screws will be Phillips head or flat head Pin-in-Hex tamper resistant type stainless steel as required.

Push buttons and mounting plates shall be constructed of Stainless Steel with smooth edges on all four sides. A neoprene gasket is included for exterior weather resistant mounting. Plate finish shall be Satin Stainless steel. Optional text will be Engraved and paint filled.



UL Listed for Access Control
 ANSI/UL 294



DORTRONICS SYSTEMS, INC.

1668 Sag Harbor Tpke., Sag Harbor, NY 11963 (800) 906-0137 (631) 725-8148 Fax www.dortronics.com