

EX-06

Flush Mount Piezoelectric Button



Rosslare's EX-06 is a part of a powerful line of high quality piezoelectric switches. Designed in mind of industrial and high-risk environmental requirements, the EX-06 will adapt well in mines, oil rigs & refineries, military installations and more. The switch can be used in many hi-demanding applications, from heavy machinery and mechanical operation panels, to access control systems or direct door control.

The EX-06 with no moving parts is extremely reliable, resilient and robust yet is encased in an elegant design within a modern case suitable for use by architects and designers.

GENERAL DESCRIPTION

Rosslare's EX-06 is a heavy duty, non-sparking, non-magnetic, corrosion resistant, illuminated, anti-vandal, timed analog switch, designed for both indoor and outdoor use.

It features solid state Piezoelectric Switch Technology generating a dry contact N.O. and N.C relay pulse simply by the touch of a finger, with no physical movement or moving parts.

Select brilliant red, vibrant green or no illumination as a status indicator with the jumper selectable illumination status feature.

MAIN FEATURES

- Advanced soft touch piezoelectric switch
- New weatherproof design – water and dust proof, grease, oil and other chemical solvent repellent
- Circuit assembly encapsulation
- Vandal resistant
- Stainless steel mounting plate and tactile button with no moving parts

- Mounting Method Single Gang: Mounts directly to a US gang switchbox
- Backed by Rosslare's International Guarantee and service with ISO9001 (Certified TUV Rhineland) level business and manufacturing operations

PROFFESIONAL GRADE FEATURES

- Non-sparking, non-magnetic, corrosion resistant
- Light ring status indicator and accidental activation hindrance
- Adjustable Output and Led indication Time of 1 to 60 seconds
- Output and indication Toggle option
- Jumper Selectable Illumination Status: Red, Green, or No Illumination
- One Relay with two 5-Ampere outputs for separate application wiring: N.O. and N.C.

SPECIFICATIONS

ELECTRICAL SPECIFICATIONS

| | |
|---------------------------|---|
| ■ Operating Voltage Range | 10 - 24 VDC |
| ■ Outputs | One dry contact relay with two separate outputs One Normally Open, One Normally Closed 2 A |
| ■ Input Current, Max | Standby 15 mA @ 24 VDC Maximum 140 mA @ 24 VDC |
| ■ Button Switch Lifespan | Over 1 Billion Cycles |
| ■ Relay Expectancy | 100,000 @ 2 A 30 VDC 500,000 @ 1 A 30 VDC |

ENVIRONMENTAL SPECIFICATIONS

| | |
|-------------------------|---|
| ■ Operating Environment | Suitable for indoor and outdoor use (meets IP-65) |
| ■ Operating Temperature | -35°C to 66°C (-31°F to 151°F) |
| ■ Operating Humidity | 0 to 85% (non-condensing) |

PHYSICAL SPECIFICATIONS

| | |
|--------------|---|
| ■ Material | Stainless steel faceplate and button cup |
| ■ Dimensions | 11.4 x 7 x 3.2 cm (4.5 x 2.75 x 1.25 in.) |
| ■ Weight | 238 g (8.395 oz.) |

OPERATIONAL SPECIFICATIONS

| | |
|---------------------------------|----------------------------------|
| ■ Output Mode | Selectable Toggle or timed Pulse |
| ■ Pulse and Led indication time | Selectable 1-60 seconds |
| ■ Led indicator | Off, Red, and Green |

AVAILABLE MODELS

| | |
|-----------|-----------------------------|
| ■ EX-0600 | No Text |
| ■ EX-06E0 | "PUSH TO EXIT" |
| ■ MP-06 | External mounting metal box |

SYSTEM COMPONENTS

The EX-06 is compatible with all switch operated electrical devices. The unit also works with all of Rosslare's Access control units as well as all standard access control systems.

PRODUCT WARRANTY

5-Year Limited Product Warranty

ABOUT ROSSLARE SECURITY

Rosslare Security Products manufactures and markets high-quality security products via its worldwide offices and channel partners. Since 1980, Rosslare has offered high-quality systems for enterprise, small business, and residential applications. With Rosslare, you receive the best of all worlds: world-class product engineering and design; professional customer service spanning the globe; and the quality and affordability of a vertically integrated and self-owned manufacturing facility. Our expansive product range features much more than access control solutions and guard patrol management systems; we also offer applications software – such as License Plate Recognition, Time & Attendance, and DVR/alarm integration.

www.rosslaresecurity.com

