

# 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. The EX-06 mounts directly to a standard US size gang switchbox and is crafted to the highest manufacturing standards out of the finest materials under Rosslare's ISO 9001:2008 Certified Quality standards.

### 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 use
■ 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
■ Dimensions	11.4 x 7 x 3.2 cm (4.5 x 2.75 x 1.25 inch)
■ 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, a division of Rosslare Enterprises Ltd. manufactures high-quality security products since 1980. The company's three main lines: Access Control, Intrusion Detection and Guard Patrol, together with a growing product range have transformed Rosslare Security into a major worldwide force in security. Rosslare holds itself to the highest standards of customer service and manufacturing (ISO 9001:2008, ISO 14001:2004, ISO 13485:2003). The company complies with the EU Directive 2002/95/EC on Restriction of Hazardous Substances (RoHS).

Visit our website: [www.rosslaresecurity.com](http://www.rosslaresecurity.com)



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