

EX-16

Mullion Non-Sparking Tactile Switch



Rosslare's EX-16 is a part of a powerful line of high quality piezoelectric switches. Designed in mind of industrial and high-risk environmental requirements, the EX-16 will adapt well in mines, oil rigs and 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-16 with no moving parts is extremely reliable, resilient and robust yet is encased in an elegant mullion design within a modern case suitable for use by architects and designers.

GENERAL DESCRIPTION

Rosslare's EX-16 is a heavy duty, non-sparking, non-magnetic, corrosion resistant, illuminated, anti-vandal, mullion sized 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

PROFESSIONAL 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 2-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
■ Input Current, Max	140 mA @ 24 VDC
■ Button Switch Lifespan	Over 1 Billion Cycles
■ Relay Expectancy	100,000 @ 2A 30VDC 500,000 @ 1A 30VDC

ENVIRONMENTAL SPECIFICATIONS

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

PHYSICAL SPECIFICATIONS

■ Material	Stainless steel faceplate and button cup
■ Dimensions	11.4 x 4.4 x 3.2 cm (4.5 x 1.75 x 1.25 inch)
■ Weight	173 g (6.1 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-1600	No Text
■ EX-16E0	“EXIT”
■ MP-06	External mounting metal box

SYSTEM COMPONENTS

The EX-16 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).

www.rosslaresecurity.com



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