

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 & 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.

The EX-16 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 9001:2000 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
- Mullion-sized design
- 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
- Operating Voltage range between 10 and 24 VDC
- Operating temperature range: -40°C to 63°C

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.

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Product Specifications

ELECTRICAL CHARACTERISTICS	
• Operating Voltage Range:	10 - 24 VDC
• Outputs:	One dry contact relay with two separate outputs One Normally Open, One Normally Closed 5A 125VAC
• Input Current, Max:	Standby 15mA @ 24VDC Maximum 140mA @ 24VDC
• Button Switch Lifespan:	Over 1 Billion Cycles
• Relay Expectancy:	100,000 @ 2A 30VDC 500,000 @ 1A 30VDC
ENVIRONMENTAL CHARACTERISTICS	
• Operating Environment:	Suitable for indoor and outdoor use (meets IP-65)
• Operating Temperature:	-40°C to 63°C (-40°F to 145°F)
• Operating Humidity:	0 to 95% (non-condensing)
PHYSICAL CHARACTERISTICS	
• Material:	Stainless steel faceplate and button
• Dimensions:	11.4 x 4.4 x 3.2 cm (4.5 x 2.75 x 1.25 inch)
• Weight:	145 g (5.1 oz)
OPERATIONAL CHARACTERISTICS	
• Output Mode:	Selectable Toggle or timed Pulse
• Pulse and Led indication time:	Selectable 1-60 seconds
• Led indicator:	Off, Red, and Green

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.



Additional Information

The EX-16 is covered by Rosslare's 5-year Limited Product Warranty.

For sales information or product documentation, please visit our website:
<http://www.rosslaresecurity.com>.



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