

EX-07

Non-Sparking Digital Tactile Switch



Rosslare's EX-07 is a part of a powerful line of high quality piezoelectric switches. Designed in mind of industrial and high-risk environmental requirements, the EX-07 will adapt well in mines, oil rigs and refineries, military installations, and more. The advanced digital switch offers features such as buzzer mode, lighting mode, and full dual-relay output. It can be used in many hi-demanding applications, from heavy machinery and mechanical operation panels, to access control systems or direct door control.

GENERAL DESCRIPTION

Rosslare's EX-07 is a heavy duty, non-sparking, non-magnetic, corrosion resistant, illuminated, anti-vandal, timed digital switch, designed for both indoor and outdoor use.

It features solid state Piezoelectric Switch Technology generating two isolated Form C output relays with no physical movement or moving parts.

Among its many features are: Jumper selectable illumination status with light dimming option, buzzer mode, full dual-relay output, timed operation and relay toggle option.

MAIN FEATURES

- Advanced soft touch piezoelectric switch
- New weatherproof design – water and dust proof, grease, oil and other chemical solvent repellent
- 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 TÜV Rhineland) level business and manufacturing operations

PROFFESIONAL GRADE FEATURES

- Non-sparking, non-magnetic, corrosion resistant
- Light square 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
- Built-in buzzer with alarm input and sound upon button press options
- Two separate full form-C relay outputs for separate application wiring: N.O. and N.C.
- Input for external lighting alerts for evacuation and other applications

SPECIFICATIONS

ELECTRICAL SPECIFICATIONS

■ Operating Voltage Range	12-24 VAC / VDC
■ Outputs (4A, dual 2 + 2)	One dry contact relay with two separate full Form C outputs
■ Input Current, Max	Standby 15 mA @ 24 VDC Maximum less than 150 mA @ 24 VDC
■ Button Switch Lifespan	Over 1 Billion Cycles
■ Relay Expectancy	100,000 @ 2 A 24 VDC 500,000 @ 1 A 24 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
■ Dimensions	11.4 x 7 x 3.2 cm (4.5 x 2.75 x 1.25 in.)
■ Weight	277 g (9.8 oz)

OPERATIONAL SPECIFICATIONS

■ Output Mode	Selectable Toggle or timed Pulse
■ Input Mode	Selectable LED control or alarm
■ Pulse and Led indication time	Selectable 1-60 seconds
■ Led indicator	Off, Red, and Green
■ Buzzer mode	Off, On (selectable between alarm input mode and buzzer beep upon button press mode)
■ External lighting alert input	For evacuation and other applications

AVAILABLE MODELS

■ EX-0700	No Text
■ EX-07E0	"PUSH TO EXIT"
■ MP-06	External mounting metal box

SYSTEM COMPONENTS

The EX-07 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.

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