EX-17

Non-Sparking Digital Tactile Switch

ROSSLARE'S EX-17 IS A PART OF A POWERFUL LINE OF HIGH QUALITY PIEZOELECTRIC SWITCHES. DESIGNED IN MIND OF INDUSTRIAL AND HIGH-RISK ENVIRONMENTAL REQUIREMENTS, THE EX-17 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.
REDDOT DESIGN AWARD WINNER 2010.

GENERAL DESCRIPTION

Rosslare's EX-17 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, and timed operation and relay toggle option.

The EX-17 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
- 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
- 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

ROSSLARE
SECURITY PRODUCTS

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 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	-40°F to 145°F (-40°C to 63°C)
▪ Operating Humidity	0 to 95% (non-condensing)

PHYSICAL SPECIFICATIONS

▪ Material	Stainless steel faceplate and button
▪ Dimensions	4.5 x 1.75 x 1.25 in. (11.4 x 4.4 x 3.2 cm)
▪ Weight	7.2 oz (205 g)

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 (dims upon button press), red, and green (color changes gradually)
▪ 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-1700	No Text
▪ EX-17E0	"EXIT"
▪ MP-06	External mounting metal box

SYSTEM COMPONENTS	The EX-17 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

30 YEARS

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Create your own peace of mind.