

EX-H04/M04

Sensitive Piezoelectric Button Switches



ROSSLARE'S EX-H04 AND EX-M04 ARE HIGH QUALITY PIEZOELECTRIC SWITCHES. DESIGNED WITH INDUSTRIAL AND HIGH-RISK ENVIRONMENTAL REQUIREMENTS IN MIND, THE EX-H04 AND EX-M04 ARE PERFECT FOR OFFICES, SHOPS, INDUSTRIAL INSTALLATIONS, AND MORE. THE SWITCHES 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-H04 AND EX-M04, WITH NO MOVING PARTS, ARE EXTREMELY RELIABLE AND RESILIENT, YET ARE ENCASED IN AN ELEGANT DESIGN WITHIN A MODERN CASE SUITABLE FOR USE BY ARCHITECTS AND DESIGNERS.

GENERAL DESCRIPTION

The EX-H04 and EX-M04 are sensitive piezoelectric button switches. These new access control switches are designed as flush mounting for US and UK electric boxes with piezoelectric technology. The switches have a red/green LED ring to display the switch status. The switches are designed as Request-to-Exit (REX) buttons for access control systems; direct activate electric strike, or magnet locks with up to 30 VDC and 1 A.

MAIN FEATURES

- Advanced soft touch piezoelectric switch
- New weatherproof design – water and dust proof
- Circuit assembly encapsulation

- No moving parts
- Mounting Method – Single Gang: Mounts directly to a US (EX-H04) or UK (EX-M04) gang switchbox

PROFFESIONAL GRADE FEATURES

- Light ring status indicator and accidental activation hindrance
- External LED control wire

SPECIFICATIONS

ELECTRICAL CHARACTERISTICS

■ Operating Voltage Range	8– 30 VDC
■ Switch Voltage	30 VDC [OC]
■ Outputs	Normally open (transistor output open collector)
■ Wire Leads (Switch Output)	2 x 24 AWG 280 mm (11.02 in.) length (UL 1569) blue wires
■ +VDC and Ground	Red and black wires for LED Power
■ Button Switch Lifespan	Over 1 million cycles

ENVIRONMENTAL CHARACTERISTICS

■ Operating Environment	Suitable for indoor and outdoor use
■ Operating Temperature	-10°C to 50°C (14°F to 122°F)
■ Operating Humidity	10% to 90%

PHYSICAL CHARACTERISTICS

■ Dimensions	EX-H04: 114 x 70 x 10 mm (4.49 x 2.76 x 0.39 in.) EX-M04: 92 x 92 x 10 mm (3.62 x 3.62 x 0.39 in.)
■ Weight	EX-H04: 50 g (1.76 oz.) EX-M04: 55 g (1.94 oz.)

SYSTEM COMPONENTS

The EX-H04 and EX-M04 are 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

2-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 web site: www.rosslaresecurity.com



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