

# EX-H22/M22

## Passive Infrared Motion Sensor Switches



ROSSLARE'S EX-H22 AND EX-M22 ARE HIGH QUALITY INFRARED SWITCHES. DESIGNED WITH INDUSTRIAL AND HIGH-RISK ENVIRONMENTAL REQUIREMENTS IN MIND, THE EX-H22 AND EX-M22 ADAPT WELL IN 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. WITH NO MOVING PARTS, THE EX-H22 AND EX-M22 ARE EXTREMELY RELIABLE, RESILIENT AND ROBUST, YET ARE ENCASED IN AN ELEGANT DESIGN WITHIN A MODERN CASE SUITABLE FOR USE BY ARCHITECTS AND DESIGNERS.

### GENERAL DESCRIPTION

The EX-H22 and EX-M22 are passive infrared motion sensors (no touch switch). The new access control switches are designed as flush mounting for US and UK electric boxes with passive infrared 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.

### MAIN FEATURES

- Advanced passive infrared motion sensor switch
- New weatherproof design – water and dust proof
- Circuit assembly encapsulation

- No moving parts
- Mounting Method Single Gang: Mounts directly to a US (EX-H22) and UK (EX-M22) gang switchbox

### PROFFESIONAL GRADE FEATURES

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

# SPECIFICATIONS

## ELECTRICAL CHARACTERISTICS

■ Operating Voltage Range	8– 12 VDC
■ Switch Voltage	12 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

## 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-H22: 114 x 70 x 10 mm (4.49 x 2.76 x 0.39 in.) EX-M22: 92 x 92 x 10 mm (3.62 x 3.62 x 0.39 in.)
■ Weight	EX-H22: 50 g (1.76 oz.) EX-M22: 55 g (1.94 oz.)

## SYSTEM COMPONENTS

The EX-H22 and EX-M22 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., has been manufacturing 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).

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