

EX-H22N / EX-M22N

Passive Infrared Anti-Vandal Motion Sensor Switches



ROSSLARE'S EX-H22N AND-EX-M22N ARE HIGH QUALITY INFRARED SWITCHES. DESIGNED WITH INDUSTRIAL AND HIGH-RISK ENVIRONMENTAL REQUIREMENTS IN MIND, THE EX-H22N/EX-M22N 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-H22N/EX-M22N 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-H22N/EX-M22N are passive infrared motion sensors (no touch switch). The new access control switches are designed as anti-vandal and are suitable for installation in harsh environments and demanding applications. 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-H22N) and UK (EX-M22N) gang switchbox

PROFESSIONAL GRADE FEATURES

- Light ring status indicator and accidental activation hindrance
- External LED control wire, can perform as a traffic light
- Stainless steel (SUS304) front panel

SPECIFICATIONS

ELECTRICAL CHARACTERISTICS

■ Operating Voltage Range	8– 24 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

ENVIRONMENTAL CHARACTERISTICS

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

PHYSICAL CHARACTERISTICS

	EX-H22	EX-M22
■ Dimensions	114 x 70 x 17.8 mm (4.5 x 2.8 x 0.7 in.)	86 x 86 x 17.8 mm (3.4 x 3.4 x 0.7 in.)
■ Weight	193.1 g (6.8 oz.)	179.1 g (6.3 oz.)

SYSTEM COMPONENTS

The EX-H22N/EX-M22N are compatible with all switch operated electrical devices.

The units also work 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 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.

www.rosslaresecurity.com