Microwave Touchless Switch (ClearWave)

Instruction Manual

HOTRON LTD.



The ClearWave is a highly sensitive, high performance switch designed to activate automatic doors by detecting the movement of a person or object. For the safe and accurate use of this product, please read this instruction manual carefully.

1 Technical specifications

Technology: Microwave Motion Sensor

Microwave Module: 24.125GHz Product Size: 85.9mm × 85.9mm × 20mm (W × L × H)

Detection Range [Hand]: ±5~40cm Detection Mode: Motion (Bi-directional) Speed of Target: Min. ±3cm/s, Max. ±1.5m/s

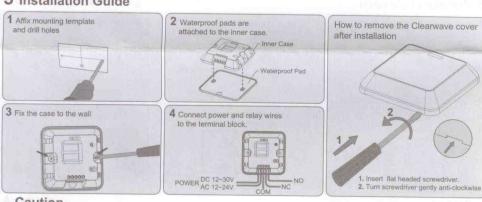
Power Supply: DC 12~30V, AC 12~24V Current Consumption: < 1.4W Output: Relay Contact (1A/24VDC) Output Hold Time: 1.2Sec. (PULSE mode) Operating Temp/Humidity: -20°C~+60°C/0~90%

International Protection: IP55

2 General Information



3 Installation Guide



Caution

Do not supply power during installation.

Do not disassemble or modify the device, it may cause fire or electric shock

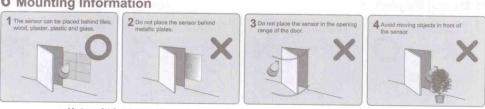
4 Sensitivity Adjustment



5 Toggle mode / Pulse mode



6 Mounting Information



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