

## Microwave Motion Sensor (HR50)

Instruction Manual

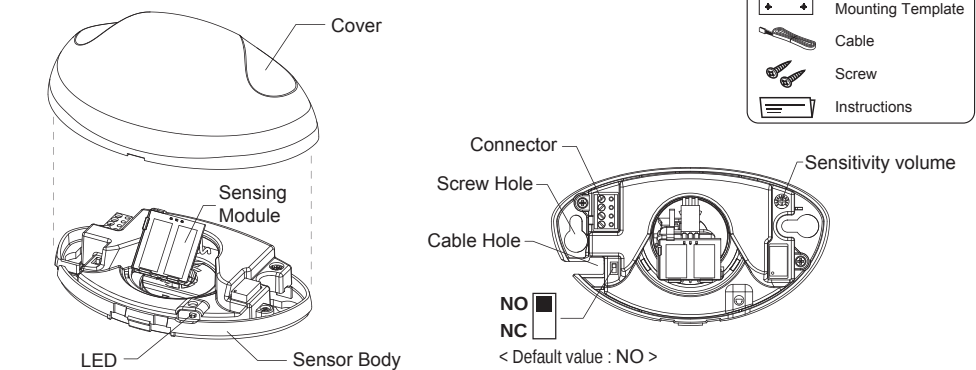
HOTRON LTD.

The HR50 is a high performance motion detection sensor specifically designed for the activation of automatic doors. For the safe and accurate use of this product, please read this instruction manual carefully.

### 1 Technical specifications

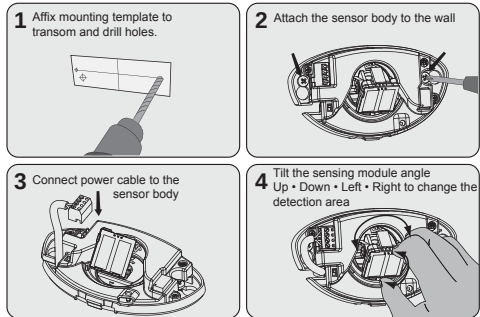
|                                                         |                                                    |
|---------------------------------------------------------|----------------------------------------------------|
| <b>Power Supply :</b> DC 12~30V, AC 12~24V              | <b>Current Consumption :</b> < 1.4W                |
| <b>Product Size :</b> 120mm x 70mm x 41.5mm (W x L x H) | <b>Contact Capacity :</b> 0.5A/125VAC, 1A/24VDC    |
| <b>Microwave Module :</b> 24.125GHz                     | <b>Max Install Height :</b> 4.0m                   |
| <b>Hold Time :</b> 1.2 Sec.                             | <b>Operating Temp/Humidity :</b> -20°C~+60°C/0~90% |
| <b>Detecting Field :</b> 4m x 3m (W x D) (Height 2.2m ) | <b>International Protection :</b> IP54             |

### 2 General Information



### 3 Installation Guide

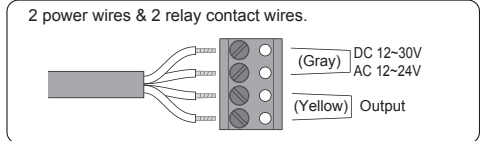
Do not supply power during installation. Do not disassemble or modify the device, it may cause fire or electric shock.



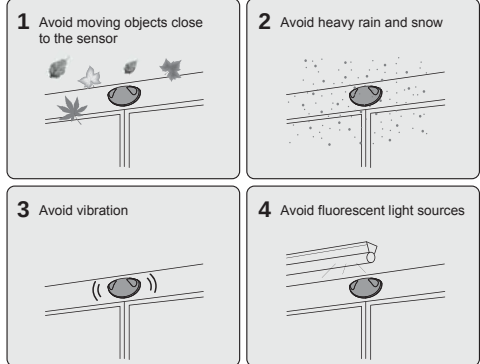
### 4 Sensitivity Adjustment



### 5 Wiring Diagram



### 6 Mounting Information



## Sensore di movimento microonde (HR50)

Manuale di istruzioni

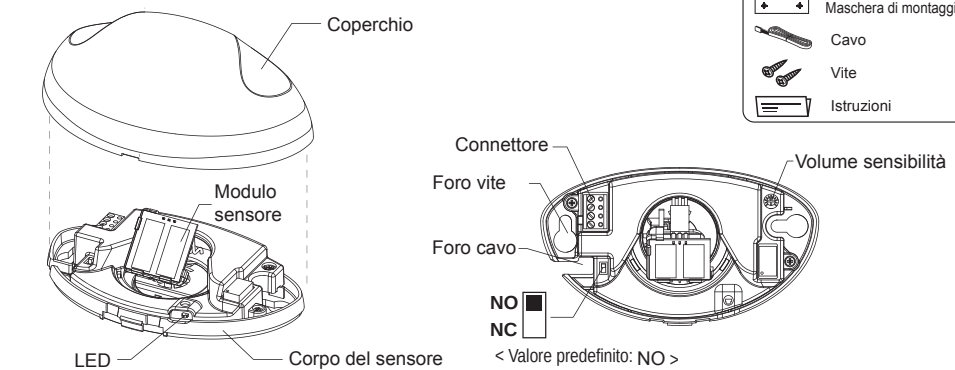
HOTRON LTD.

HR50 è un sensore di rilevamento di movimento ad elevate prestazioni progettato specificamente per l'attivazione delle porte automatiche. Per un uso sicuro e corretto del prodotto, si prega di leggere attentamente il presente manuale di istruzioni.

### 1 Specifiche tecniche

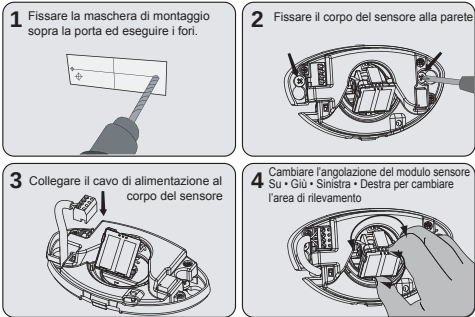
|                                                                                 |                                                            |
|---------------------------------------------------------------------------------|------------------------------------------------------------|
| <b>Alimentazione elettrica:</b> 12~30 V CC, 12~24 V CA                          | <b>Consumo di potenza:</b> < 1,4 W                         |
| <b>Dimensioni del prodotto:</b> 120 mm x 70 mm x 41,5 mm (Larg. x Lung. x Alt.) | <b>Capacità di contatto:</b> 0,5 A/125 V CA, 1 A/24 V CC   |
| <b>Modulo microonde:</b> 24,125 GHz                                             | <b>Altezza di installazione max.:</b> 4,0 m                |
| <b>Tempo di mantenimento:</b> 1,2 sec.                                          | <b>Temperatura/umidità di esercizio:</b> -20°C~+60°C/0~90% |
| <b>Campo di rilevamento:</b> 4 m x 3 m (Larg. x Prof.) (Altezza 2,2 m)          | <b>Protezione internazionale:</b> IP54                     |

### 2 Informazioni generali



### 3 Guida all'installazione

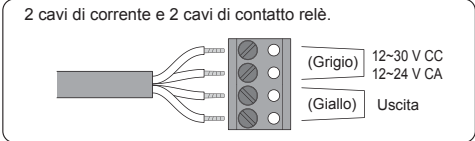
Non collegare all'alimentazione elettrica durante l'installazione. Non smontare o modificare il dispositivo, potrebbe causare incendi o scariche elettriche.



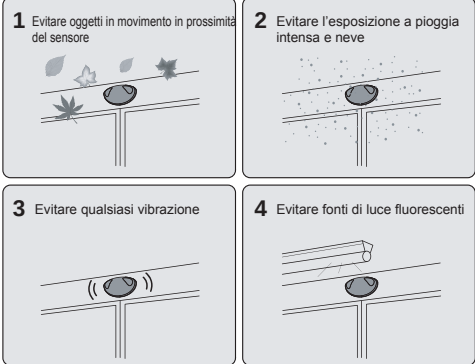
### 4 Regolazione della sensibilità



### 5 Schema di cablaggio



### 6 Informazioni di montaggio



## Sensor de movimiento por microondas (HR50)

Manual de instrucciones

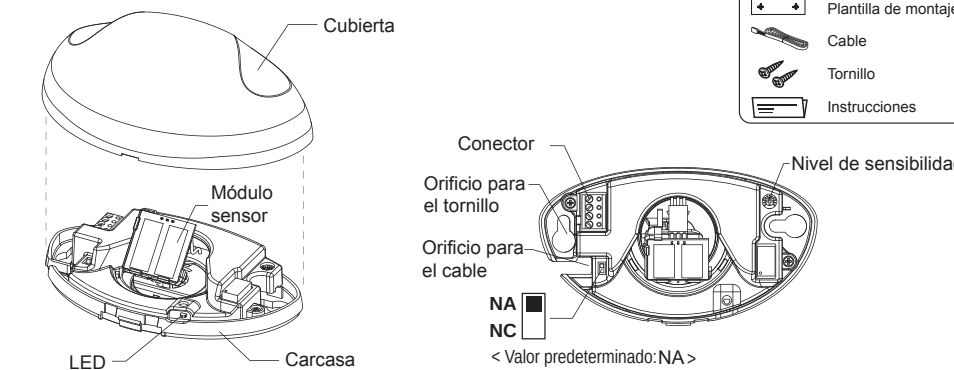
HOTRON LTD.

El HR50 es un sensor de detección de movimiento de alto rendimiento diseñado específicamente para la activación de puertas automáticas. Lea detenidamente este manual de instrucciones para utilizar el producto de manera correcta y segura.

### 1 Especificaciones técnicas

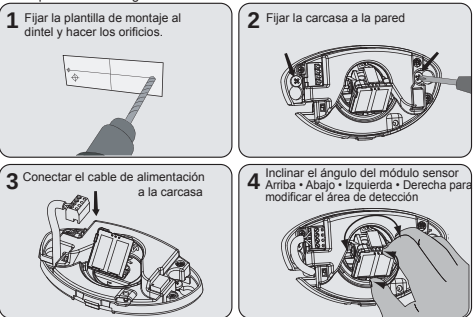
|                                                                                  |                                                                   |
|----------------------------------------------------------------------------------|-------------------------------------------------------------------|
| <b>Alimentación eléctrica :</b> 12~30V CC, 12~24V CA                             | <b>Consumo de energía:</b> < 1,4 W                                |
| <b>Dimensiones del producto:</b> 120 mm x 70 mm x 41,5 mm (Ancho x Largo x Alto) | <b>Capacidad de contacto:</b> 0,5 A/125 V CA, 1 A/24 V CC         |
| <b>Módulo microondas:</b> 24,125 GHz                                             | <b>Alta máxima de instalación:</b> 4,0 m                          |
| <b>Tiempo de espera:</b> 1,2 s                                                   | <b>Temperatura/Humedad de funcionamiento:</b> -20 °C~+60 °C/0~90% |
| <b>Campo de detección:</b> 4 m x 3 m (Ancho x Distancia) (Altura 2,2 m )         | <b>Grado de protección :</b> IP54                                 |

### 2 Información general

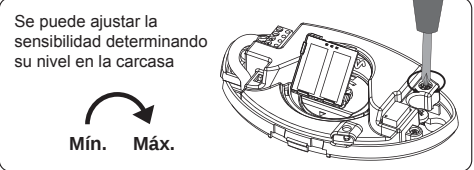


### 3 Guía de instalación

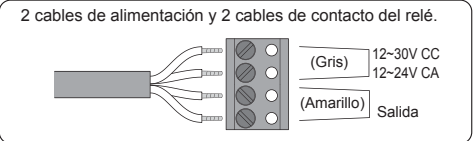
Desconecte el suministro eléctrico durante la instalación. No desmonte ni modifique el dispositivo, ya que podría incendiarse o provocar descargas eléctricas.



### 4 Ajuste de sensibilidad



### 5 Diagrama de cableado

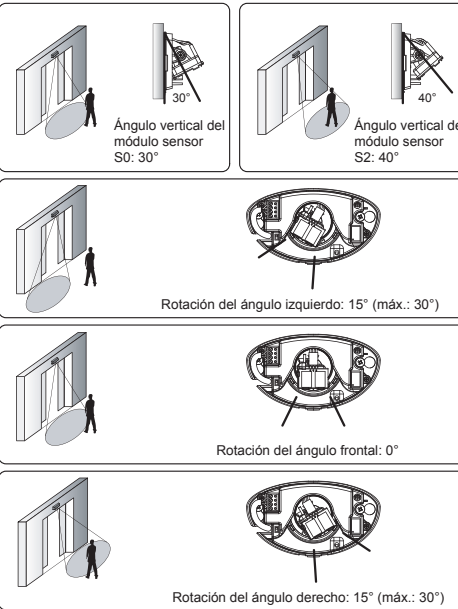


### 6 Información de montaje

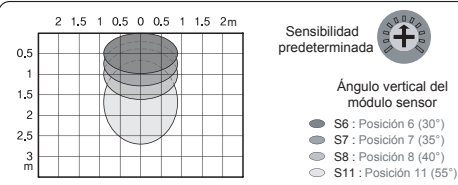


### 7 Ajuste de la posición del área de detección

Ajuste el módulo sensor hacia arriba y hacia abajo para situar el área de detección cerca o lejos de la puerta. Ajuste el módulo sensor hacia la izquierda y la derecha para ubicar el área de detección en el lateral deseado.



### 8 Campo de detección (altura de montaje: 2.2 m)



### 9 Tapa de protección (se vende por separado)



Las especificaciones de este producto pueden sufrir modificaciones sin previo aviso

## Détecteur de Mouvement Haute Fréquence (HR50)

Manuel d'utilisation

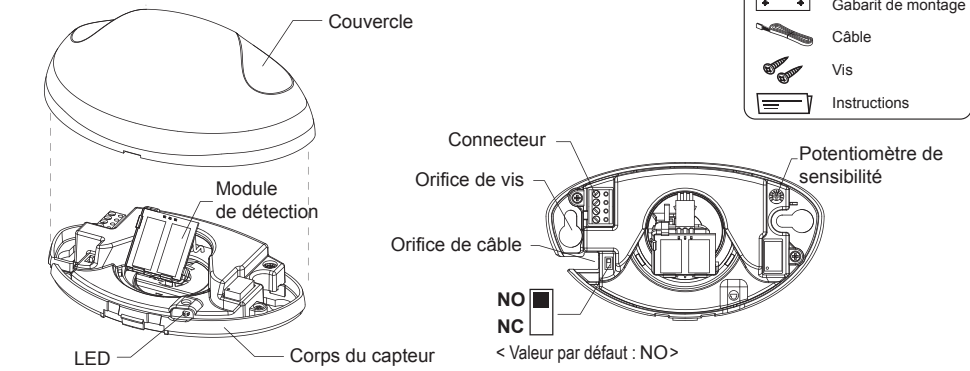
HOTRON LTD.

Le HR50 est un détecteur de mouvement haute performance spécifiquement conçu pour l'activation des portes automatiques. Pour que ce produit fonctionne de façon sûre et correcte, veuillez lire ce manuel d'utilisation attentivement.

### 1 Spécifications techniques

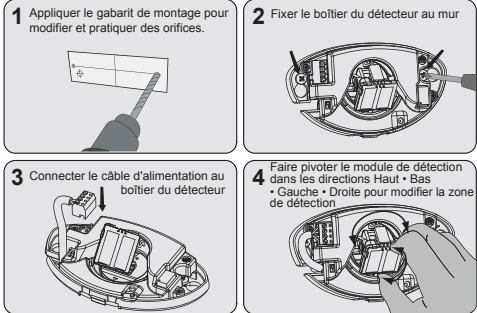
|                                                                                     |                                                      |
|-------------------------------------------------------------------------------------|------------------------------------------------------|
| <b>Alimentation électrique :</b> CC 12~30V, CA 12~24V                               | <b>Consommation électrique :</b> < 1,4W              |
| <b>Dimensions du produit :</b> 120mm x 70mm x 41,5mm (Longueur x Largeur x Hauteur) | <b>Puissance contact :</b> 0,5A / 125VCA, 1A / 24VCC |
| <b>Module haute fréquence:</b> 24.125GHz                                            | <b>Hauteur maximale d'installation :</b> 4,0 m       |
| <b>Délai d'attente :</b> 1,2 Sec.                                                   | <b>Température / Humidité :</b> -20°C~+60°C / 0~90%  |
| <b>Champ de détection :</b> 4 m x 3 m (La x P) (Hauteur 2,2 m)                      | <b>Protection internationale :</b> IP54              |

### 2 Informations générales

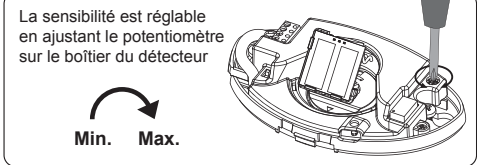


### 3 Guide d'installation

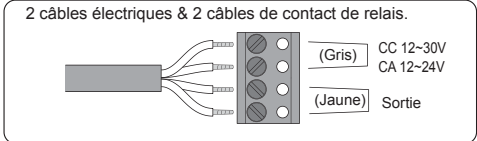
L'alimentation doit être éteinte durant l'installation. Ne pas démonter ou modifier l'appareil, cela peut entraîner un feu ou un choc électrique



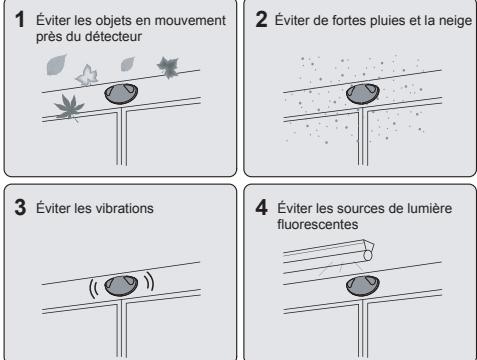
### 4 Réglage de la sensibilité



### 5 Schéma de câblage



### 6 Informations de montage



## Mikrowellen-Bewegungssensor (HR50)

Betriebsanleitung

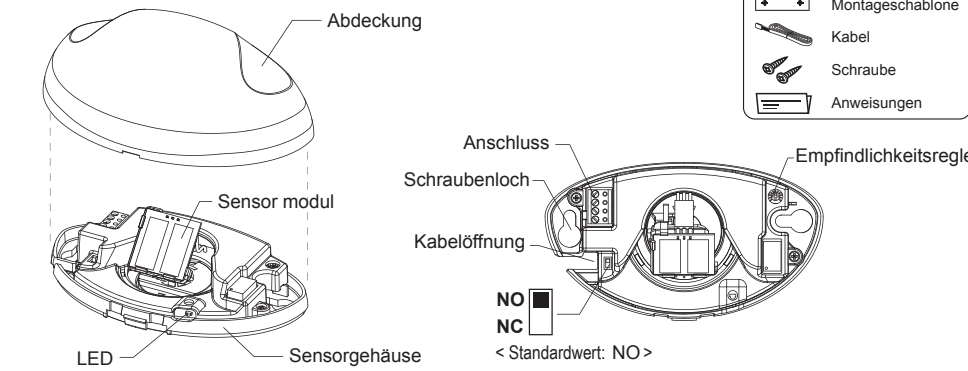
HOTRON LTD.

Der HR50 ist ein leistungsstarker Bewegungssensor, der speziell für die Aktivierung von Automatiktüren entworfen wurde. Lesen Sie bitte sorgfältig diese Betriebsanleitung, um einen sicheren und korrekten Gebrauch des Produktes zu gewährleisten.

### 1 Technische Daten

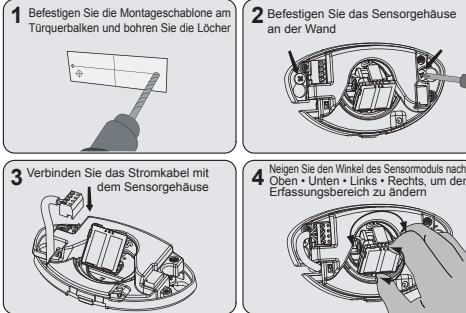
|                                                                  |                                                     |
|------------------------------------------------------------------|-----------------------------------------------------|
| <b>Stromversorgung :</b> DC 12~30 V, AC 12~24 V                  | <b>Leistungsaufnahme :</b> < 1,4 W                  |
| <b>Produktabmessungen :</b> 120 mm x 70 mm x 41,5 mm (L x B x H) | <b>Kontaktkapazität :</b> 0,5A/125 V AC, 1A/24 V DC |
| <b>Mikrowellenmodul :</b> 24,125 GHz                             | <b>Max. Einbauhöhe :</b> 4,0 m                      |
| <b>Haltezeit :</b> 1,2 Sek.                                      | <b>Temp./Feuchtigk. Betrieb :</b> -20°C~+60°C/0~90% |
| <b>Erfassungsbereich :</b> 4 m x 3 m (B x T) (Höhe 2,2 m)        | <b>Schutzklasse :</b> IP54                          |

### 2 Allgemeine Informationen



### 3 Installationsanleitung

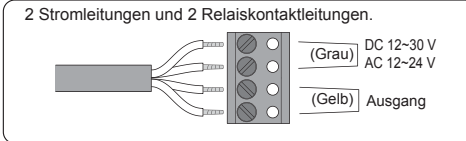
Während der Montage darf kein Strom anliegen. Das Gerät darf nicht verändert oder zerlegt werden, da sonst Brand- oder Stromschlaggefahr besteht.



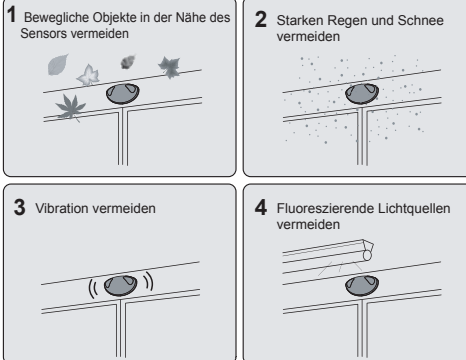
### 4 Empfindlichkeitseinstellung



### 5 Anschlussplan



### 6 Informationen zur Montage



## Mikrodalga Hareket Sensörü (HR50)

Kullanma Kılavuzu

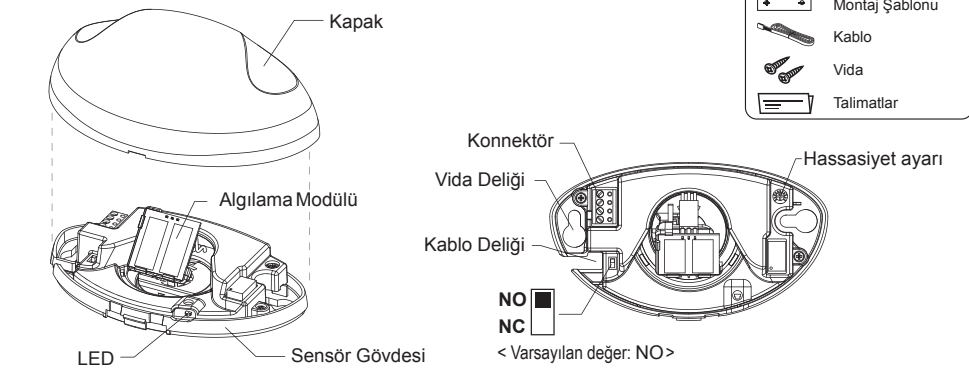
HOTRON LTD.

HR50 otomatik kapıların aktivasyonu için özel olarak tasarlanmış yüksek performanslı hareket algılama sensörüdür. Ürünün güvenli ve doğru kullanımı için lütfen bu kullanma kılavuzunu dikkatli bir şekilde okuyunuz.

### 1 Teknik özellikler

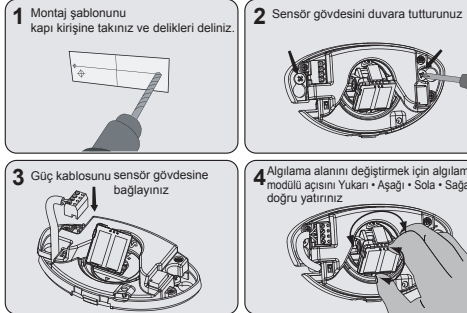
|                                                       |                                                 |
|-------------------------------------------------------|-------------------------------------------------|
| <b>Güç Kaynağı:</b> DC 12~30V, AC 12~24V              | <b>Güç tüketimi:</b> < 1.4W                     |
| <b>Ürün Ebadı:</b> 120mm x 70mm x 41,5mm (G x B x Y)  | <b>Kontak Kapasitesi:</b> 0.5A/125VAC, 1A/24VDC |
| <b>Mikrodalga Modülü:</b> 24.125GHz                   | <b>Maks. Kurulum Yüksekliği:</b> 4,0m           |
| <b>Tutma Süresi:</b> 1.2 Sn.                          | <b>Çalışma Sıcaklığı/Nem:</b> -20°C~+60°C/0~90% |
| <b>Tespit Alanı:</b> 4m x 3m (G x D) (Yükseklik 2,2m) | <b>Uluslararası Koruma:</b> IP54                |

### 2 Genel Bilgiler



### 3 Kurulum Kılavuzu

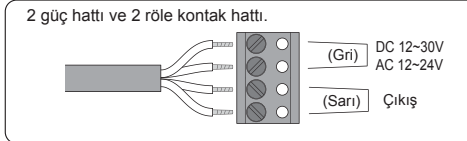
Kurulum esnasında güç beslemeyiniz. Cihazı demonte etmeyiniz veya değiştirmeyiniz, yangın veya elektrik çarpmasına neden olabilir



### 4 Hassasiyet Ayarı



### 5 Elektrik Şeması

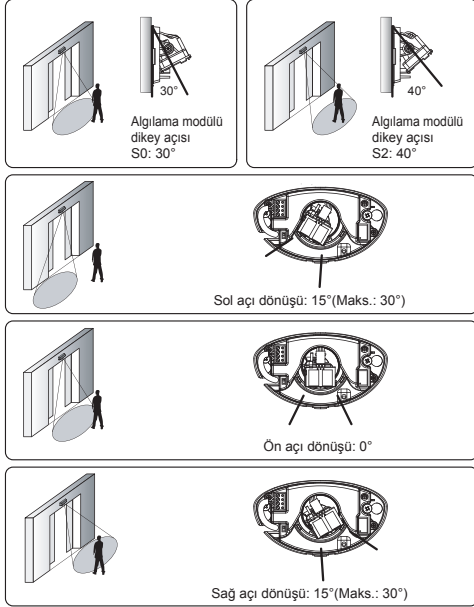


### 6 Montaj Bilgileri

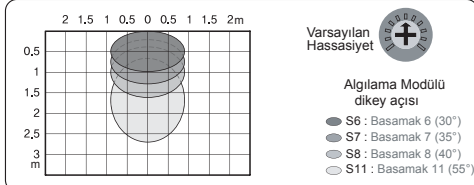


### 7 Algılama Alanı Pozisyon Ayarı

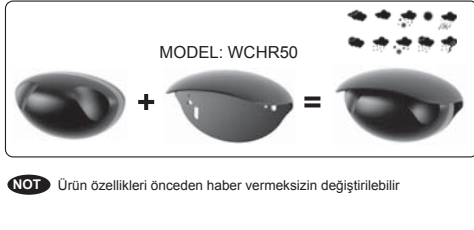
Kapıya yakın veya uzak bir algılama alanı elde etmek için Algılama modülünü yukarı ve aşağı doğru ayarlayınız. İstenen tarafı algılama alanına yaklaştırmak için Algılama modülünü sağa ve sola doğru ayarlayınız.



### 8 Algılama Alanı (Montaj Yüksekliği: 2,2m)



### 9 Hava Kapağı (Ayrıca Satılır)



NOT Ürün özellikleri önceden haber vermesizin değiştirilebilir