

MICROWAVE SENSOR

微波感應器

MOVI



Ip20 Safety Electronic Box IP20 安全電器盒

•PC anti-fire plastic, the electric box has advantages on the fire-resistance, light weight, UV-resistance, corrupt-resistance, high temperature endurance(130°C).
•Safer, more economic if replacing lamp's electric box.

•採用PC阻燃型塑料,具有阻燃、重量輕、防紫外線老化、抗腐蝕能力強、耐高溫(130°C)等優點
•代替燈具電器箱,安全、經濟、有效地降低成本

CB CE RoHS REACH

Settings 設置

1 Detection area 檢測範圍

Detection area can be reduced by selecting the combination on DIP switches to fit precisely for each. 可以通過撥碼開關的不同組合來調整感應範圍以滿足不同場合的使用要求

	S1	S2	
I	1	1	100%
II	0	1	50%
III	0	0	10%

2 Hold-time 保持時間

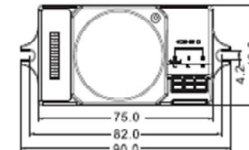
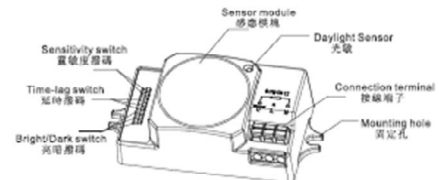
Hold-time means the time period you would like to keep the lamp on 100% after the person has left the detection. 保持時間指人離開後燈維持在100%亮度的時間

	S3	S4	S5	
I	1	1	1	5s
II	0	1	1	30s
III	1	0	1	180s
IV	0	0	1	5min
V	1	1	0	15min
VI	0	0	0	20min

3 Daylight sensor 亮暗感應

The daylight threshold can be set on DIP switches to fit for particular application. 亮度閾值可通過撥碼開關的不同組合來設置以適應不同場合的要求

	S6	S7	S8	
I	1	1	1	5Lux
II	0	1	1	10Lux
III	1	0	1	20Lux
IV	0	1	0	30Lux
V	0	0	0	Disable



1: ON
0: OFF

Specification 技術參數



	HYK01S	HYK02S-H	HYK01S/U
Operating voltage 工作電壓	220-240V _{AC} 50/60Hz	220-240V _{AC} 50/60Hz	120-277V _{AC} 50/60Hz
No-load loss 待機功耗	<1.6W	<1.6W	<0.6W
Detection range 檢測範圍	max.(Φ+H) 10m*5m	max.(Φ+H) 16m*3m	max.(Φ+H) 10m*5m
Mounting height 安裝高度	max 10m	max 4m	max 10m
Switched power 開關功率	400W(Resistance阻性) 200W(Inductance感性)	800W(Resistance阻性) 400W(Inductance感性)	
Detection area 檢測區域	10%/50%/100% (Adjustable)		
Hold-time 保持時間	5s/30s/180s/15mins/20mins (Adjustable)		
Daylight threshold 照度閾值	5lux/10lux/20lux/30lux/Disable		
Sensor principle 感應方式	Microwave Motion Detector 微波移動探測		
Microwave frequency 微波頻率	5.8GHz±75MHz		
Microwave power 微波功率	<1mw		
Detection angle 檢測角度	30°-150°		
Operating temp. 工作溫度	-10°C~+60°C		
Type of protection IP等級	IP20		

On-off Function 開關功能

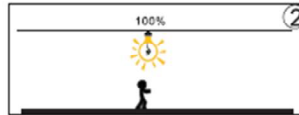
This sensor is motion switch, turn on the light on detection of people movement, and turn off after a pre-selected hold time when there are no people around, A daylight sensor is also built-in to switch off the light when there is sufficient natural light.

此運動感應器檢測到人體運動或靠近時自動打開照明設備,當人離開後,會在預設的保持時間過後關閉,同時內置日光感應器,在光線充足的時候自動關閉照明設備



The lamp does not switch on when presence detected with sufficient natural light.

自然光充足,檢測到人時,不亮



In poor natural light, the sensor switches on the lamp automatically when person enters.

自然光線不充足時,檢測到人靠近時燈自動點亮



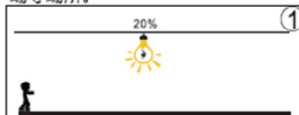
After the hold time, Lamp off automatically when no

當檢測不到動作後,如超過預設的保持時間,燈自動關閉

Dimming Function 調光功能

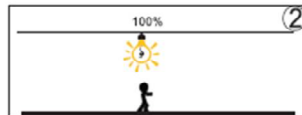
The brightness could be set to 20% and 100% through the combination of sensor dim LED driver and microwave sensor. 100% on detection of movement, and 20% when nobody around. Ideal for the areas like hotel corridor, hospital or apartment, where always need some brightness for comfort and safety.

在DIM控制器的配合下,可實現兩個檔的亮度:在檢測到人體運動時,亮度100%;當人離開後,亮度20%。適用於酒店走廊,醫院,停車場等場所。



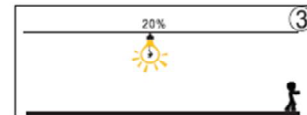
20% brightness when no people close to the induction area.

當無人靠近時,燈亮度為20%。



100% brightness when a person walks into the induction area.

當人走進感應區域,燈亮度自動達到100%



After the hold time, the lamp dims to the pre-defined level when the person leaves the detection area.

當人離開或檢測不到動作後,如超過保持時間後,亮度降至原先設定水平

Wiring Diagram 接線示意圖

Figure 1. Single Dimmable Ballast Control
圖1. 單個調光鎮流器感應控制

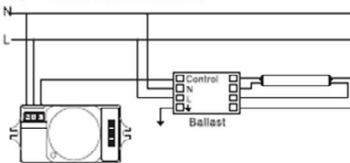


Figure 2. Multi-Ballasts Control
圖2. 多個普通鎮流器感應控制

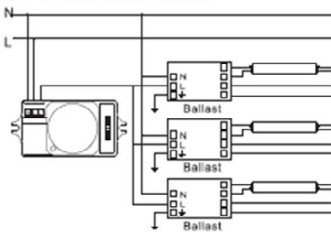


Figure 3. Multi-Dimmable Ballasts Control
圖3. 多個調光鎮流器感應控制

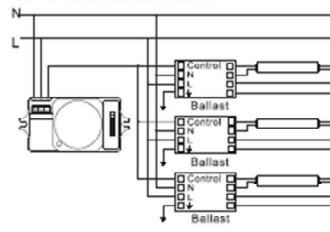


Figure 4. Single Dimmable LED Driver Control
圖4. 單個調光LED驅動感應控制

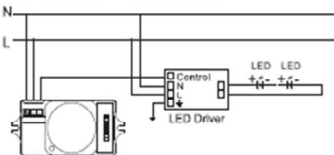


Figure 5. Multi-LED Drivers Control
圖5. 多個LED驅動感應控制

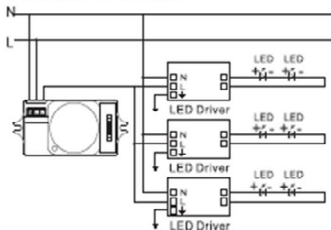


Figure 6. Multi-Dimmable LED Drivers Control
圖6. 多個調光LED驅動感應控制

