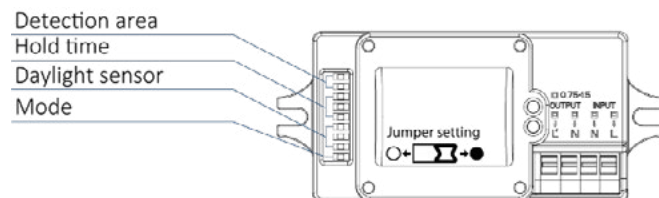


Merrytek MC046S-MC602S Sensor

Supplement V1.4

SENSOR ADJUST



TECHNICAL SPECIFICATION

Operating voltage	220-240 VAC, 50 Hz/60 Hz
Rated load	500 W (Capacitive load)
400 W (Inductive load)	≤1.0 W (Standby)
HF system	5.8 GHz ± 75Mhz, ISM wave band
Power consumption	≤0.5 W (Standby)
Transmitting power	<0.5 mW
Detection area (Max.)	8 m
Operating temperature	-35°C to 70°C
Detection area	25% to 100%
Hold time	5s to 30min
Daylight sensor	5lux to 100lux / Disable

Detection area

Detection area can be reduced by selecting the combination on the DIP switches to fit precisely each application.

Default: 100%

1	2	
○	○	25%
●	○	50%
○	●	75%
●	●	100%



Hold Time

Refers to the time period the lamp remains at 100% illumination after no motion detected.

Default: 5min

3	4	5	
●	●	●	5sec
○	●	●	30sec
●	○	●	90sec
○	○	●	3min
●	●	○	20min
○	○	○	30min



Daylight sensor

The sensor can be set to only allow the lamp to illuminate below a defined ambient brightness threshold. When set to Disable mode, the daylight sensor will switch on the lamp when motion is detected regardless of ambient light level.

30lux/50lux – Twilight operation

5lux/10lux – Darkness operation only

6	7	8	
●	●	●	5 lux
○	●	●	15 lux
●	○	●	30 lux
○	○	●	50 lux
●	●	○	100 lux
○	○	○	Disabled



Default: Disabled

Sensitivity Mode - HI/LO

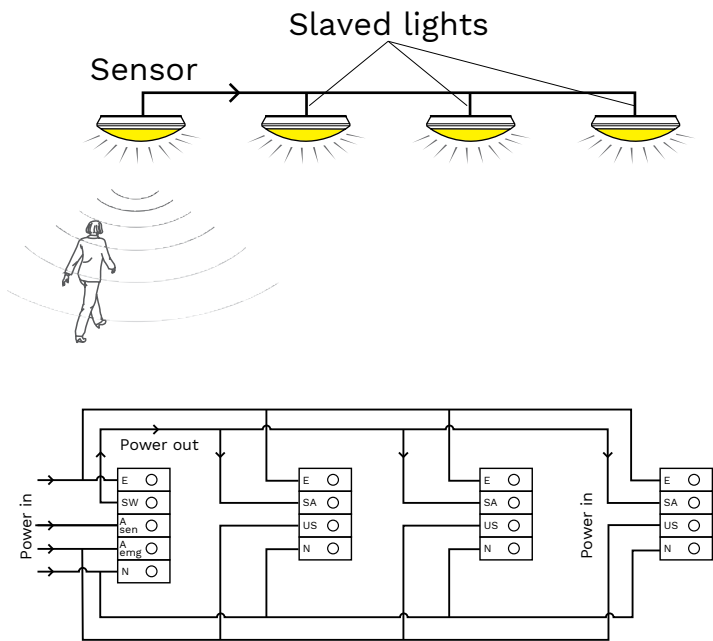
Default: HS

9	
●	HS
○	LS

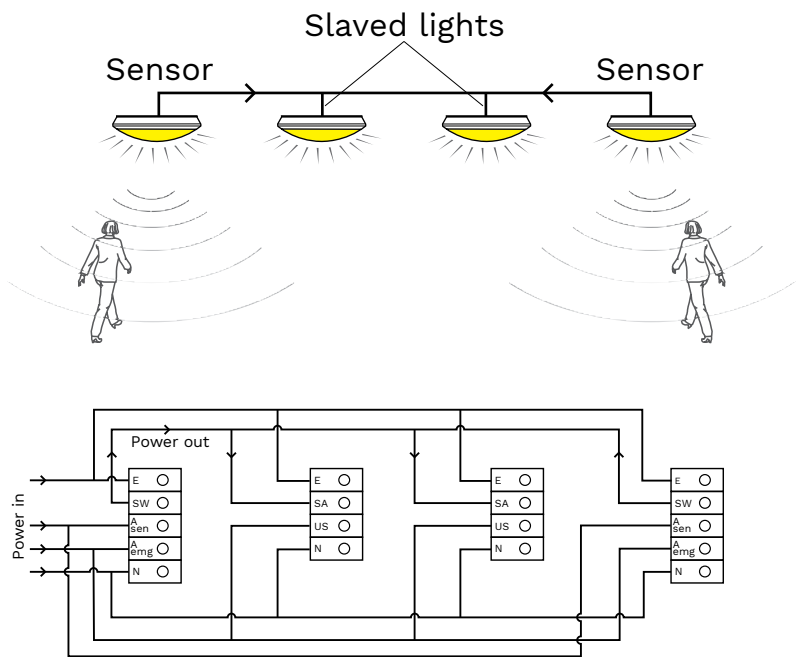


MASTER/SLAVE FUNCTION

Option A – 1 sensor light connected to slave lights
Slaved lights may be standard or emergency; with or without sensors.



Option B – 2 sensor lights connected to shared slave lights
Slaved lights may be standard or emergency; with or without sensors.



A emg/US	Active for Emergency function
A sen	Sensor Active In for 240V lighting mode (powers sensor and slaved lights - 400W max.)
SW	Sensor output (240V) to power switched active of slaved fittings
SA	Switched Active for 240V lighting mode (Non-sensor lights)
E	Earth Terminal
N	Neutral Terminal

DETECTION PATTERN

