

STANDALONE RECESSED MICROWAVE SENSOR



Com Lite
Commercial Lighting

ACCESSORIES



Standalone Recessed Microwave Sensor

The MCS1 is an innovative and active motion detector with HF system 5.8GHz. Motion can be detected through plastic, glass and thin non-metal materials. The sensor supplies a simple energy-saving solution to use light only when and where you need it. It will switch lights off automatically based on motion and ambient light levels.

Can control all kinds of lamps, for example, halogen, fluorescent and LED lights. 4-pole press-in terminal (L, N, N, L'), very easy to install.

The high quality relay is particularly suitable for commercial use with switching power up to 400W for LEDs and fluorescent lamps and up to 800W for incandescent lamps.



ADDITIONAL INFORMATION

- Automatic switching based on motion and light level
- Zero crossing point operation helps protect the sensor against in-rush current
- 4-pole press-in terminal (L, N, N, L'), easy assembly
- Detection area, time delay and daylight threshold can be precisely set via DIP switch
- Wide detection area, range up to 12m in diameter
- Operating voltage: 220/240Vac 50Hz
- Rated load: 400W (Inductive load), 800W(Resistive load)
- HF system: 5.8GHz±75Hz, ISM wave band
- Transmitting power: <0.5mW
- Power consumption: ≤0.5W(standby)
- Detection zone: Max.(D x H): 12m x 6m
- Detection sensitivity: 25% / 50% / 75% / 100%
- Hold time: 5s / 30s / 90s / 3min / 20min / 30min
- Daylight sensor: 5lux / 15lux / 30lux / 50lux / 100lux / 150lux / Disable
- Mounting height: 6m Max.
- Motion detection: 0.5~3m/s
- Detection angle: 150°(wall installation), 360°(ceiling installation)
- Operating temperature: -20°C~60°C

WARRANTY

5 years

IP RATING

IP20

PRODUCT CODE	DESCRIPTION	DIMENSIONS Dia x Depth (mm)
MCS1	Microwave motion sensor	95 x 54

