

Specification for Microwave Motion Sensor MC070S



- On/off control function;
- The most compact & entry-level Microwave Motion Sensor within the industry;
- Automatic switching based on motion and light level;
- Dimension: L55 x W36 x H25mm, suitable to fix within most luminaries;
- 4-pole press-in terminal (L, N, N, L'), easy assembly;
- Detection area, hold time and daylight sensor can be precisely set via DIP switch.

1. Parameter

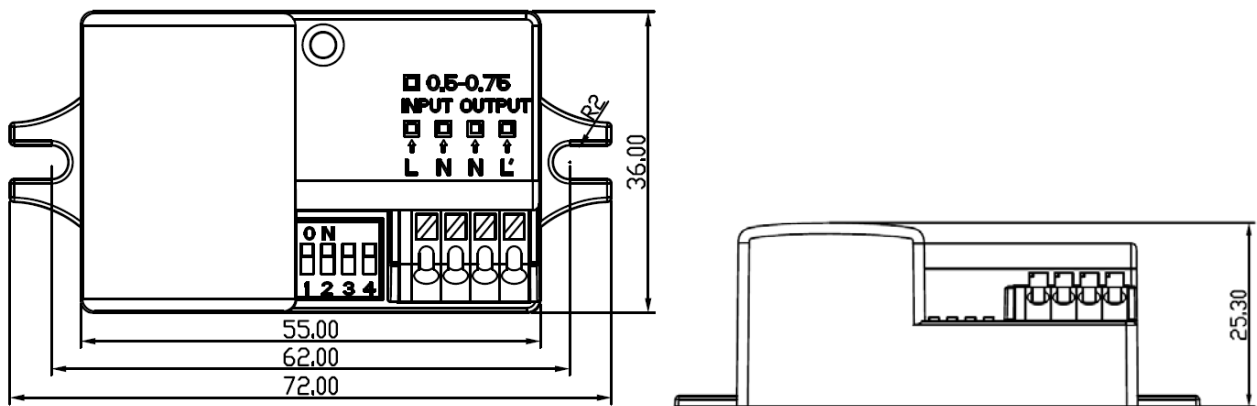
Input	Operating Voltage	220-240VAC 50/60Hz
	Voltage Range	198-264VAC
	Stand-by Power	≤0.5W
Output	Load Type	≤400W (Inductive) ≤800W (Resistive)
Sensor Parameters	Hold Time	5s/1min/3min/10min (or 5s/1min/5min/15min)
	Sensing Range	50%/100%
	Daylight Sensor	25lux/disable
	Mounting Height	Ceiling Mounting:2.5-6m
	Detection Area	4-10m (Mounting Height: 3m)
Wireless Parameters	Operating Frequency	5.8 GHz ±75 MHz
	Dimming Control	0N/OFF
Operating Environment	Operating Temperature	-20℃~+60℃
	Storage Temperature	-40℃~+80℃
Safety & EMC	Isolation Pressurization	N/A
	EMC	EN55015
	Certificate Requirement	CE TUV
Others	Wiring Method	4-pole press fit terminal (Input grey L. N. Output grey N. L')

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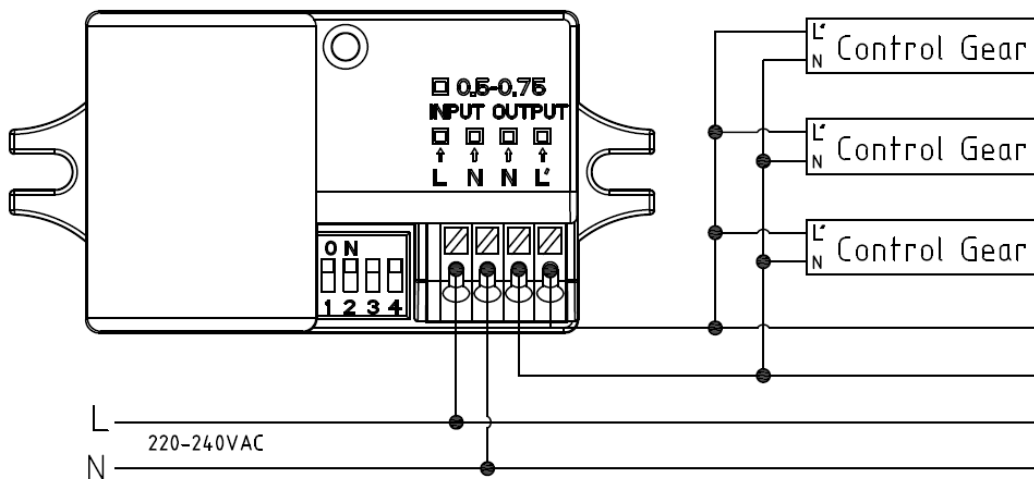
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	IP Rating	IP20 (Built-in)
	Protection Class	Class II
	Installation Size	62*36*25mm
	Packaging Requirement	Clapboard +Outer Carton (K=A)
	Weight	36.1g
	Life	50000h

2. Dimension (Unit: mm)



3. Wiring Diagram



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4. Function



① With sufficient ambient light, the light will not be switched on.



② With insufficient ambient light, the sensor switches on the light when motion is detected.



③ After elapse of hold time, the sensor switches off the light when no motion is detected.

5. Sensor Settings

- Detection Area $\leftarrow \rightarrow$ (100%/50%)

	1
100%	ON
50%	-

- Hold Time $\leftarrow \rightarrow$ (5s/1min/3min/10min) or (5s/1min/5min/15min)

	2	3
5s	ON	ON
1min	ON	-
3min	-	ON
10min	-	-

	2	3
5s	ON	ON
1min	ON	-
5min	-	ON
15min	-	-

- Daylight Sensor (25Lux/Disable)

	4
25Lux	ON
Disable	-

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