

# Model: ND365

## 9 metre 360° ceiling PIR occupancy sensor – Recessed mount Installation Sheet



### Installation:

- **Important** - Install using a registered electrician • IP54 - Can be mounted outdoor under eaves etc • Install with power supply on an independent isolating switch

### Cautions for Installation:

- Do not mount the product near radiators and moist areas.
- Mount sensor horizontal
- Settings can be adjusted 15 seconds after the power has been connected.
- Time and daylight settings can be made during the day or night.
- Do not change the time and daylight settings abruptly, do not make a second adjustment before you get a result from the first setting of the time and daylight.
- To get the best results for the daylight setting, adjust starting at the minimum setting and incrementally turn towards the maximum setting until you find the correct setting.
- After you determine the right setting of the daylight, you can arrange the time as you need.



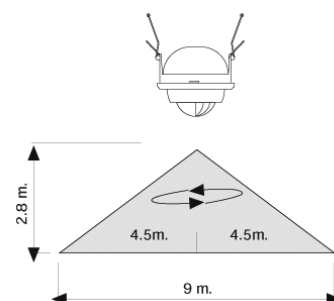
- Avoid mounting the detector close to objects that can cause rapid temperature changes such as heaters, fans, refrigerators and ovens etc, and protect the PIR sensor from direct sunlight.

### ND365 Sensor Product specifications:

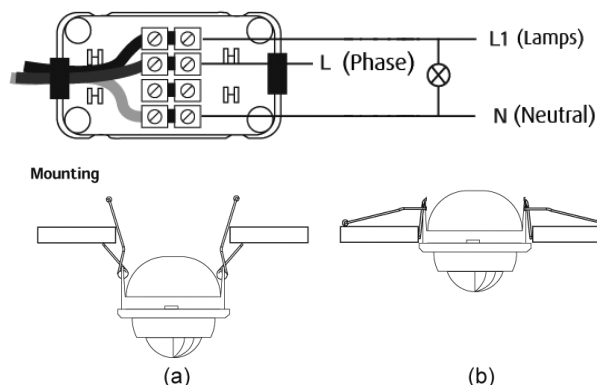
Operating voltage	230-240V , 50 Hz	
Detection angle	360°	
Recommended Mounting height	2.8 m.	
Detection range	9 metres diameter	
Time settings	10 sec to 6 min	
Lighting load	Max 1000W incandescent	Max 400W fluorescent
Protection class	IP54	
Operating temperature	-20 °C ~ +40°C	

### DETECTION AREA

Detection area of motion sensor depends on the angle between PIR detector and moving direction, temperature and mounting placement. Temperature is very important for operation of motion sensors like all electronic devices.



Cut hole 70mm Diameter, check hole size required before cutting hole. Connect Phase cable to terminal **(L)**, Neutral cable to terminal **(N)** and Lamp cable to **(L1)**. Place the long parts of the springs inside the ceiling hole and the short part of the springs below the ceiling hole as shown in Figure **(a)**, push the sensor through the ceiling hole to secure in place as shown in figure **(b)**



**Problem Solving** - The points noted under “cautions for Installation” are most important for trouble free installation.

**If lights won't turn on:** 1. Check the lamp is not blown 2. Check the main light switch is turned on 3. Increase lux setting

**If lights won't turn off:** 1. Movement is being detected 2. Reduce time Settings 3. Reduce lux setting 4. Turn main switch off for 5 mins then on again

**Change in sensitivity or reliability of unit:** 1. Remove heat or moisture source 2. Reposition installation

**CAUTION: DO NOT DISMANTLE** – There are no user serviceable parts inside sensor