

# MOTION SENSOR SDVMWH/SDVMBL

## INSTRUCTIONS FOR EXPLOITATION

**The installation should be done by a qualified electrician according to the instruction. Please, keep the instruction.**

### PRODUCT CHARACTERISTICS:

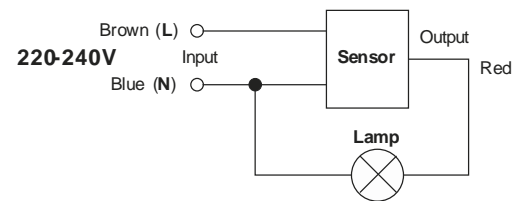
Detection Range:	180°	Installation height:	1.8~2.5m	Index of protection:	IP44
Power supply:	220V-240V AC, 50-60Hz	Working temperature range:	-20°C~+40°C	Power consumption:	0,45W (operation mode)/ 0,1W (stand-by mode)
Max rated load:	1200W	Time delay:	10sec - 7min (adjustable)	Working humidity:	<93%RH
Detection distance:	max 12m	Ambient light:	3-2000LUX (adjustable)		

### COMMON NOTES AND INFORMATION

Performing any activity with the power supply on constitutes potential hazard of electric shock. Turn off the main power supply before installation. Do not exceed the max rated load. Do not use the sensor to control the fluorescent lamps. The sensor is designed for vertical mounting on non-movable surfaces. Avoid installation near areas with great temperature variations – close to air conditioners or heaters.

### INSTALLATION

Switch off the main power supply. Loosen the screws on the bottom lid, open the wiring hole, pass the wire of power and load through the bottom lid. Connect the power and load wire into connection wire column according to the figure below.



### TESTING THE SENSOR

- Before switching the main power supply on, turn TIME knob anticlockwise to “minus” and the LUX knob clockwise to the symbol “sun”.
- Switch on the main power supply and leave the sensor at least 30 sec to go into working mode. If there is no movement in the sensor detection area, the lamp will be turned off in 5~10sec.
- To test the sensor sensitivity to ambient light, turn LUX knob anticlockwise to the symbol “half-moon”. The lamp will not be switched on even by movement in detection area.
- If the sensor is covered with a cloth or other nontransparent material, the lamp will be switched on and switched off in 5-15 sec.

### POSSIBLE REASONS FOR SENSOR MALFUNCTIONS

#### **The lamp does not switch on:**

- Please check the power and load connection is correct.
- Make sure the lamp is not defective.
- Check if the working light corresponds to the ambient light.
- When testing in daylight, please turn LUX knob to „sun” position, otherwise the sensor lamp could not work!

#### **The sensitivity is poor:**

- Please check if there is hinder in front of the detection window to prevent from receiving the signals.
- Please check if the ambient temperature is too high.
- Please check if the signals source is in the detection area.
- Please check if the installation height corresponds to the height shown in the instruction.

#### **The sensor doesn't switch off the load automatically:**

- Check if there are continual signals in the detection area.
- Make sure TIME knob is not set to “plus”.
- Check if the power corresponds to the instruction.
- Make sure there are no heaters in the sensor range.

### TAKING CARE OF THE NATURAL ENVIRONMENT CLEANLINESS

- The product and its components are not harmful to the environment
- Please dispose the package elements separately in containers for the corresponding material.
- Please dispose the broken product separately in containers for out of usage electrical equipment.

