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## DR-05 W

### INFRARED MOTION SENSOR SWITCH white



5908312591887

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F&F products are covered by an 24 months warranty from date of purchase

#### PURPOSE

Infrared motion sensor switch serves and switch timers to switch-ON the lighting of streets when somebody or target appear at places as corridors, yards, approaches and driveways, garages.

#### FUNCTIONING

Sensor discovers sources of infrared radiation. Analyze parameters such as largeness of objects, amount emit warm and speed of relocation among individual sectors of detections. Head of detector is movable in two surfaces, that allows precise setup of field of detection adjusted for individual requirements of users. Movement causes automatic enclosure of illumination in field of detection on time put by user. Illumination will be automatically switched off after this time. Infrared motion sensor switch is furnished to light dependent relay which making impossible enclosure steered illumination during day. State of detection and they activation to switch-ON light are activated after twilight only.

Time of activation of sensor can be corrected by user by potentiometer. Infrared motion sensor switch can work inside of accommodation and in places outside, where isn't exposed to rain or snow and on capability splash by water or other liquid of boxing of sensor and joint of electric connection.

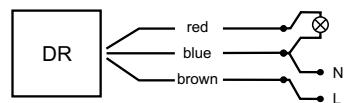
#### ASSEMBLY

1. Take OFF the power.
2. Put on the sensor on the wall.
3. Connect it with wiring diagram.
4. Put head of sensor on demanded area of detection.
5. Put affection of light dependent relay and activation time.

#### TECHNICAL DATA

|                               |                                    |
|-------------------------------|------------------------------------|
| supply                        | 230VAC                             |
| current load                  | <5A                                |
| ambient light                 | 3+2000Lx                           |
| detection motion speed        | 0,6+1,5m/sec                       |
| time delay                    | 8sec±3sec + 10min±2min             |
| detection range - horizontal  | 140°±180°                          |
| detection range - vertical    | 0°±45°                             |
| detection distance (for<24°C) | 12m                                |
| instalation height            | 0,5±3,5m                           |
| power consumption             | 0,45W                              |
| current pulse duration        | <1sec                              |
| working temperature           | -20+40°C                           |
| connection                    | screw terminals 1,5mm <sup>2</sup> |
| dimensions                    | 75x87x185mm                        |
| fixing                        | two screws to substrate            |
| protection level              | IP44                               |

#### WIRING DIAGRAM



A090618