

OCCUPANCY SENSORS

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IRS OCCUPANCY SENSOR



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MVS OCCUPANCY SENSOR



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MVR RECESSED SENSOR



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IRR OCCUPANCY SENSOR



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NOTE: Products must be installed by a qualified electrician

SURFACE-MOUNT INFRA-RED OCCUPANCY SENSOR

Product details



3 Adjustments are provided:

- Sense range
- Daylight harvesting lux adjustment
- Delay time

Features

- Huge detection radius of up to 12 meters.
- Three-sensor configuration for greater coverage.
- Unsurpassed relay contact rating of 30A.
- 30 minutes maximum time setting.
- It senses changes in heat via its Fresnel lens to de-tect human movement.

Benefits

- The sensor detects even the slightest movement in the detection zone.
- 360° sensing is assured via its three heat sensors.
- A built-in light sensor facilitates daylight harvesting.
- A long (30 minutes) maximum time setting will reduce the possibility of the lights being extinguished when somebody is present.

Applications

Ceilings and Walls

Warranty

3 year warranty

NOTE: Products must be installed by a qualified electrician

SURFACE-MOUNT INFRA-RED OCCUPANCY SENSOR

Specifications

Code	OSIRSURF
Normal Input Voltage	230 Vac 50Hz
Time delay	10 seconds (minimum setting) to 30 minutes (maximum setting)
Rated load	(for example: 55 x 36 Watt T8 lamps) 2kW
Power Consumption	0.45W (static 0.1W)
Detection Speed	0.6 – 1.5m/s
Detection Angle	360°
Maximum Load	(suitable for bank switching) 30A
Daylight Harvesting	<3 lux to daylight
Installation Height	up to 3m high
Weight	202g
Detection Range	up to 12m

NOTE: Products must be installed by a qualified electrician

PRODUCTS



MICROWAVE OCCUPANCY SENSOR

Product details



3 Adjustments are provided:

- Sense range
- Daylight harvesting lux adjustment
- Delay time

Features

- Huge detection radius of up to 8 meters.
- Microwave sensor can see through boundaries etc.
- Load capacity of 600W.
- 12 minutes maximum time setting.
- It emits a high frequency electro-magnetic wave of 5.8GHz and receives the Doppler echo.
- There are no blind spots.

Benefits

- The sensor detects the change in the Doppler echo even from the slightest movement in the detection zone.
- The unit is designed to fit into the luminaries or behind ceiling board.
- Detection is possible through doors, panes of glass and thin walls and soft furnishings.
- A built-in light sensor facilitates daylight harvesting.

Applications

Ceilings and Walls

Warranty

3 year warranty

NOTE: Products must be installed by a qualified electrician

MICROWAVE OCCUPANCY SENSOR

Specifications

Code	OSIRREC
Power Source	220 - 240Vac
Power Frequency	50 – 60 Hz
HF-System	5.8GHz CW radar (ISM band)
Time Delay	8 sec to 12 minutes
Detection Angle	360°
Daylight Harvesting	30 lux (minimum setting) to daylight (maximum setting) (300 lux at 75% setting)
Rated Load	600W
Power Consumption	0.9W
Weight	67g
Detection Range	1 to 10 meters
Transmission Power	<10mW

NOTE: Products must be installed by a qualified electrician

RECESSED MICROWAVE OCCUPANCY SENSOR

Product details



3 Adjustments are provided:

- Sense range
- Daylight harvesting lux adjustment
- Delay time

Features

- Large detection radius of up to 10 meters.
- Microwave sensor can see through boundaries etc.
- Load capacity of 2000W.
- 30 minutes maximum time delay.
- It emits a high frequency electro-magnetic wave of 5.8GHz and receives the Doppler echo.
- DIP selection for rapid and easy set-up.

Benefits

- The sensor detects the change in the Doppler echo even from the slightest movement in the detection zone.
- Detection is possible through doors, panes of glass and thin walls and soft furnishings.
- A built-in light sensor facilitates daylight harvesting.

Applications

Ceilings and Walls

Warranty

3 year warranty

NOTE: Products must be installed by a qualified electrician

RECESSED MICROWAVE OCCUPANCY SENSOR

Specifications

Code	OSMSURF
Power Source	220 - 240Vac
Power Frequency	50 – 60 Hz
HF-System	5.8GHz CW radar (ISM band)
Time Delay	10 sec - 30 minutes
Detection Angle	360°
Daylight Harvesting	10 to 500 lux
Rated Load	2000W
Power Consumption	0.9W
Detection Range	2 to 10 meters
Transmission Power	<10mW

NOTE: Products must be installed by a qualified electrician

PRODUCTS



RECESSED INFRA-RED OCCUPANCY SENSOR

Product details



2 Adjustments are provided:

- Daylight harvesting lux adjustment
- Delay time

Features

- Large detection radius of up to 6 meters.
- Three-sensor configuration for greater coverage.
- 300W rated load.
- 10 minutes maximum time setting.
- It senses changes in heat via its Fresnel lens to detect human movement.

Benefits

- The sensor detects even the slightest movement in the detection zone.
- 360° sensing is assured via its three heat sensors.
- A built-in light sensor facilitates daylight harvesting.
- A 10 minute maximum time setting will reduce the possibility of the lights being extinguished when somebody is present.

Applications

Recessed ceiling

Warranty

3 year warranty

NOTE: Products must be installed by a qualified electrician

RECESSED INFRA-RED OCCUPANCY SENSOR

Specifications

Code	OSMREC
Mains Voltage	230 Vac +/- 10% 50Hz
Time Delay	40 seconds (minimum setting) - 10 minutes (maximum setting)
Rated Load	1200W (incandescent lamp) - 300W (energy saving lamp)
Detection Distance	6m
Detection Speed	0.6 - 1.5ms
Maximum Load	+70°C
Daylight Harvesting	3 to 2000 lux
Installation Height	2.2m - 4m
Power Consumption	0.45W (work) - 0.1W (static)
Detection Range	360°

NOTE: Products must be installed by a qualified electrician