

Movement Sensors
Essential in every lighting installation

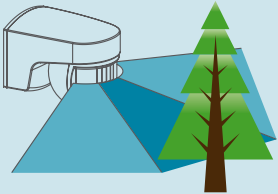
Nowadays the movement sensor has become an essential element in any lighting installation. They help with important energy and economic saving by means of switching the lights on, just when it is necessary by detecting movement. This feature helps you to recover your investment quickly.

There are many installations where you can use the device to your advantage, such as, hotels, office buildings, blocks of 'ats, garages, warehouses, kitchens, toilets, change rooms, cool rooms, gardens, entrances, etc.

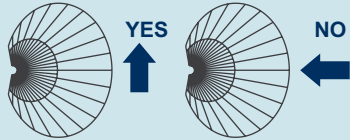
Among the different solutions that ORBIS offers in the areas of control, measurement and energy saving, you will find a wide range of movement sensors with different mounting possibilities, angles, fields of detection, timing and switching capacities, etc.

ADVISE FOR INSTALLATION AND USE

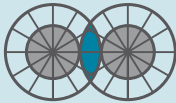
- Avoid high re'ective surfaces (mirrors, liquids, marble, etc.), elements with sudden temperature changes (heaters, air conditioning, draughts, etc.) or close to the lights.
- To avoid undesired activation, some models have detection field limiters.



- The environment temperature where it is installed has a high in'uence on the field and distance of detection. The higher the temperature is, the less reliable the detection field becomes.
- The detection is performed when crossing the detection beams crosswise.



- To guarantee a better detection capacity when installing two detectors, we recommend superimposing the detection fields.



- The waves from ECOMAT can travel through any material, apart from metallic surfaces.



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energía inteligente®

Movement Sensors



INSTALLATION AND CONTROL

The perfect balance between saving and consumption

PRODUCTO	Angle and Field of detection	Timing	Adjustment of luminosity	Mounting type	Technology	Type of installation	Maximum recommended loads	
ISIMAT +	200° 12m	3s-30min	5-2000 lux	Wall mounting	P.I.R.	IP 55	1000 W 250 VA	500 VA 1000 W 200 VA
ISIMAT	140° 12m	3s-30min	5-2000 lux	Wall mounting	P.I.R.	IP 55	1000 W 250 VA	500 VA 1000 W 200 VA
PROXIMAT	240° 12m	10s-10min	5-2000 lux	Wall mounting	P.I.R.	IP 44	2000 W 880 VA	880 VA 2000 W 880 VA
MULTIMAT	200° 12m	3s-30min	5-2000 lux	Wall mounting	P.I.R.	IP 55	2000 W 1000 VA	2000 W 2000 W 900 W 1000 W
ORBIMAT	195° 8m	6s-12min	5-2000 lux	Wall mounting	P.I.R.	IP 20	40-400 W No apto	No suitable No suitable
ECOMAT	270° 360° 6m	3s-30min	5-2000 lux	Wall mounting	P.I.R.	IP 20	1000 W 250 VA	500 VA 1000 W 200 VA
CIRCUMAT	360° Ø 7m	3s-10min	3-2000 lux	Wall mounting	P.I.R.	IP 20	2200 W 400 VA	2000 VA 2200 W 400 VA
CIRCUMAT PRO CR	360° Ø 30m	1s-10min	10-1000 lux	Wall mounting	P.I.R.	IP 44	2200 W 1200 VA	2000 VA 2200 W 900 VA 1000 VA
DICROMAT MICRO	360° Ø 4m	6s-12min	5-2000 lux	Wall mounting	P.I.R.	IP 20	2000 W Contactor	300 VA 1000 W Contactor
DICROMAT MINI DICROMAT 2 MINI	360° Ø 7m	DICROMAT MINI: 6s-12min DICROMAT 2 MINI: 6s-12min 10s-30min	5-2000 lux	Wall mounting	P.I.R.	IP 20	2000 W Contactor	300 VA 1000 W Contactor
DICROMAT + / 2+ DICROMAT SENSOR +	360° Ø 7m	DICROMAT +: 1s-10min DICROMAT 2+: 1s-10min 10s-15min	DICR. + / 2+: 2-2000 lux	Wall mounting	P.I.R.	IP 20	2200 W 400 VA	2000 VA 2200 W 400 VA
DICROMAT + CR DICROMAT 2 + CR	360° Ø 7m	DICROMAT + CR: 1s-10min DICROMAT 2+ CR: 1s-10min 10s-15min	DICR. + CR / 2+ CR: 10-1000 lux	Wall mounting	P.I.R.	IP 20	2200 W 1200 VA	2000 VA 2200 W 900 VA 1000 VA
LEGEND							Incandescent lamps	
Angle and field of detection							Fluorescent lamps	
Timing							Low-voltage halogen	
Adjustment of luminosity							Low-consumption lamps	
							Led	

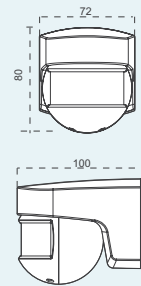
## ISIMAT +

### COMPACT DESIGN (OUTDOOR/INDOOR)

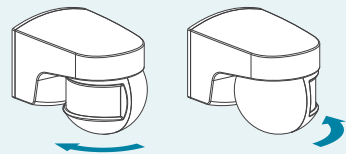
Wall mounted with a 180° rotation.



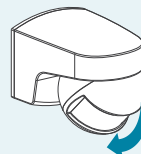
#### DIMENSIONS



#### HORIZONTAL ROTATION: 180°



#### VERTICAL ROTATION: 45°



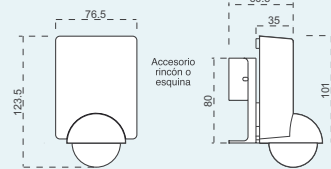
## PROXIMAT

### HIGH DETECTION LEVEL

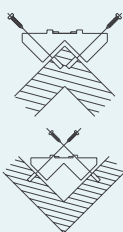
240° detection angle (with 180° rotation) makes it an ideal device for corridors with corners.



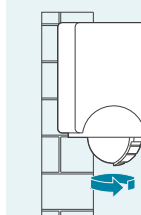
#### DIMENSIONS



#### ACCESSORY FOR CORNERS



#### HORIZONTAL ROTATION: 180°



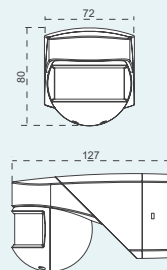
## MULTIMAT

### VERSATILE MOUNTING OPTIONS (OUTDOOR/INDOOR)

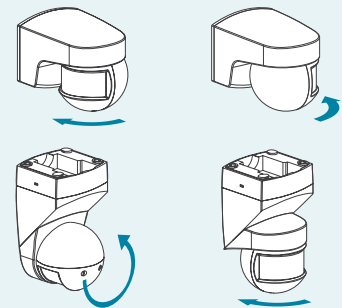
Its Z-rotation base makes the installation easy no matter what the surface (ceiling, wall, inner or outer corners). Protection index IP55.



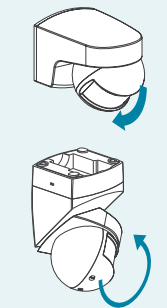
#### DIMENSIONS



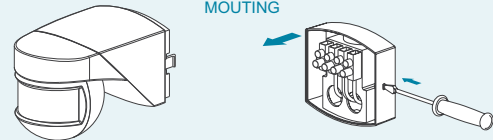
#### HORIZONTAL ROTATION: 180°



#### VERTICAL ROTATION: 45°



#### MOUNTING



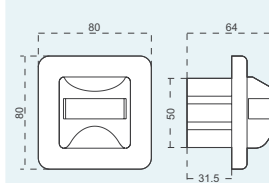
## ORBIMAT

### EASY INSTALLATION

It can fit into the 45 x 45 mm. box behind most light switches, it is quick and easy to install because it does not need a neutral wire to work.



#### DIMENSIONS



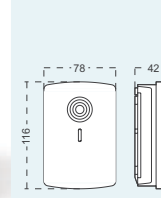
## ECOMAT

### RADIOFREQUENCY DETECTION

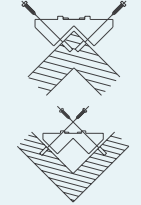
It uses radiofrequency technology to detect minor movements and can travel through surfaces such as false ceilings from plaster, cork, wood, brick, etc.



#### DIMENSIONS



#### ACCESSORY FOR CORNERS



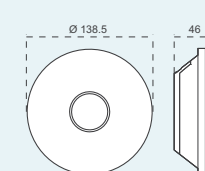
## CIRCUMAT

### INTERCHANGEABLE CASINGS

It is installed on the ceiling rather than being built in. Ideal for when it is not possible to build the device into the ceiling. One of the most common applications is in warehouses and garages to divide it into sections. Optional square casing.



#### DIMENSIONS



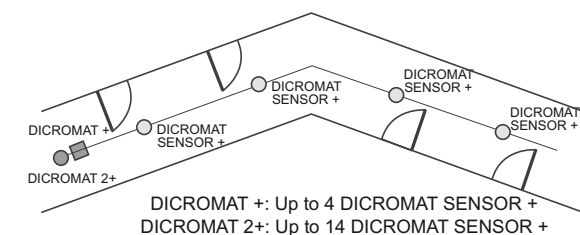
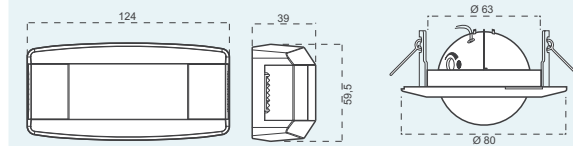
## DICROMAT + / 2+ DICROMAT SENSOR +

### GREATER FEATURES

There are two versions of this model. The first DICROMAT +, for one circuit, or the second DICROMAT 2+, for two circuits; they are the perfect devices for hotels and residences because you can add more sensors without having to buy the activator (DICROMAT SENSOR +), therefore it makes your installation cheaper.



#### DIMENSIONS



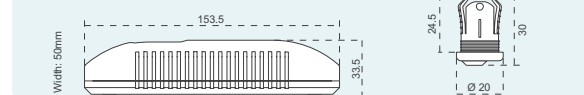
## DICROMAT MICRO

### MINIMUM SIZE

The small size of its detector head (20 mm) makes it a discreet device for built-in ceiling installation.



#### DIMENSIONS



## DICROMAT MINI / 2 MINI

### SMALL SIZE

Because of its dimensions, this is an ideal model for medium size installations (stair landings, toilet cabinets, etc.)



#### DIMENSIONS

