PIR motion and presence sensor 360°, IP65, 2000W, 3 sensors, black

Marka: **Orno** | Symbol: **OR-CR-255/B** | Ean: **5908254846953**

5 YEARS WARRANTY



PRODUCT DESCRIPTION

The motion and presence sensor with a detection angle of 360° is an advanced device for movement monitoring, perfect for outdoor and indoor use. The three built-in sensors increase the precision of motion detection offering a maximum reach of up to 10 m frontally. The device uses passive infrared technology (PIR), responding to movement in its field of view.

The sensor features a wide 360° scanning angle, fully covering the monitored area. It allows light intensity to

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be adjusted in the range of <3-2000 lux, therefore facilitating to adjust the sensor's operation to the prevailing lighting conditions.

The maximum switching power is 2000W and the LED power is up to 500W. The sensor operates at a nominal voltage of 230V AC and a frequency of 50Hz. Its low energy consumption of just 0.5W makes it an energy-efficient solution

The sensor is suitable for surface mounting on the ceiling. The body, made of durable polycarbonate, ensures durability in everyday use. The high IP65 rate means that the device is resistant to dust and moisture, as well as splashes and harsh weather conditions.

The device features a relay output and an adjustable switching time between 10s-30min. The sensor operates in a wide temperature range from -20°C to +40°C.

The black lens of the device emphasises its elegant and minimalistic design. It perfectly blends with the black housing, thanks to which the sensor is not only functional but aesthetic as well. It has been designed to successfully resemble a CCTV camera. Its dimensions measure 102.5x102.5x59 mm.

TECHNICAL DATA

General information:

Model:	Czujnik obecności
Sensor type:	Podczerwień pasywna
Scan angle [°]:	360
Optimum mounting height [m]:	2-2,6
Presence diameter [m]:	6
Max. reach frontally [m]:	10
Diameter reach on floor [m]:	20
Detection moving speed [m/s]:	0,6-1,5
Response value luminosity adjustable:	Tak
Light intensity adjustment range [lx]:	<3-2000
Mounting method:	Montaż natynkowy
Suitable for ceiling mounting:	Tak
Suitable for wall mounting:	Nie

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Connection type:	Zacisk śrubowy
Material:	Tworzywo sztuczne
Material quality:	Tworzywo termoplastyczne
Colour:	Czarny
Degree of protection:	IP65
Voltage type:	AC
Frequency [Hz]:	50
Nominal voltage [V]:	230
Min. switch-on time [s]:	10
Max. duty cycle [min]:	30
Detection angle horizontal [°]:	360
Max. switching power [W]:	2000
Max. switching power LED [W]:	500
Power consumption [W]:	0.5
Relay output:	Tak
Temperature [°C]:	-20 - +40
Working humidity:	<93%
Width [mm]:	103
Height [mm]:	103
Depth [mm]:	60
Weight [g]:	160

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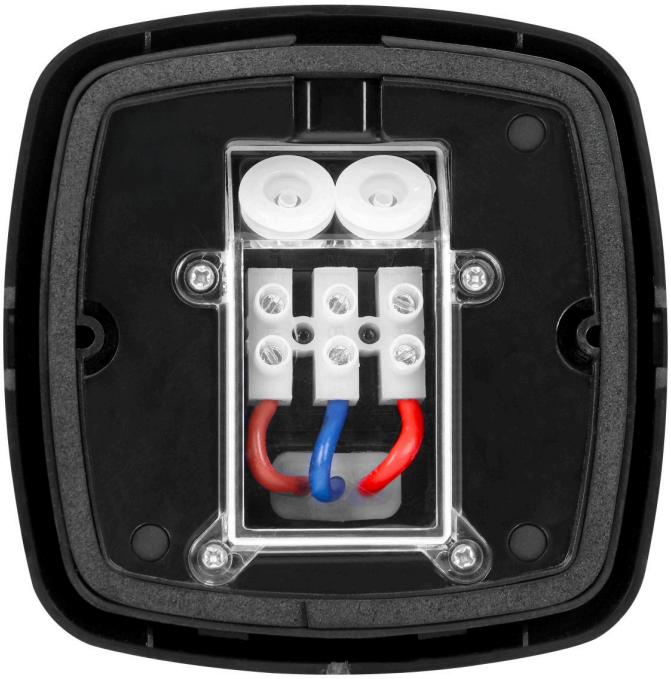








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