



AUTO*LIGHT*plus Motion detector for professional use

- Particularly suitable for professional use with higher electric loads
- Implemented immunity against other sensors in the same detection field
- Simple settings in predefined steps via push buttons
- Program Mode for setting of individual brightness thresholds

AUTO*LIGHT*plus is an innovative 5.8 GHz HF motion detector for switching luminaires with any kind of illuminants in a very energy efficient way (e.g. LEDs, fluorescent lamps, incandescent lamps). It is particularly suitable for professional use with higher electric loads and special requirements for the detection field of the sensor.

This product has a compact-sized and solid standard casing with a special grouting compound for a long-life product quality. Simple settings can be adjusted in predefined steps for sensitivity, hold time, brightness sensor (with Program Mode-function) as well as special settings via user friendly push buttons with LED feedback. The high quality relay is particularly suitable for commercial use with switching power up to 500 VA for LEDs and fluorescent lamps and up to 800 W for incandescent lamps.

AUTO*LIGHT*plus is compatible to common quality electronic ballasts as well as for MICAS master/slave radio technology for luminaires. Customized versions are available on demand.

Range up to
16 m

Autolight plus enables a range of up to 16 m.

HF technology
5.8 GHz

The high-frequency sensors operate in a frequency range of 5.8 GHz.

Program Mode

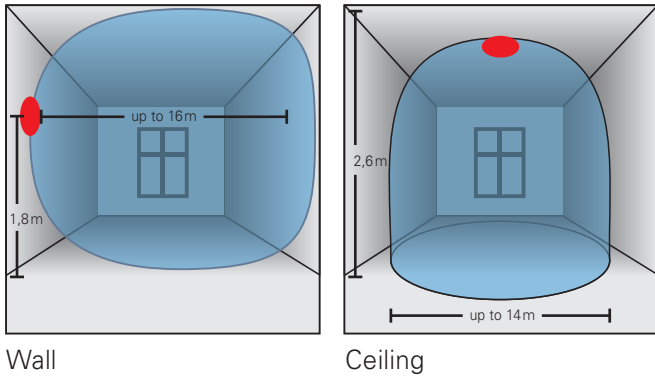
The program mode measures and stores current brightness conditions as a threshold.

Emitted power
< 5 mW

The emitted power of the sensor is less than 5 mW.

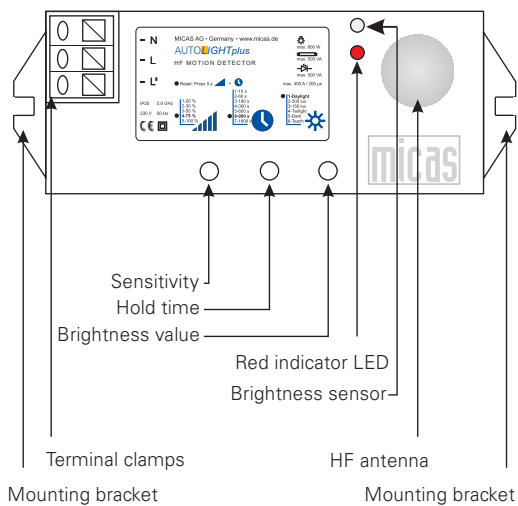
Inrush Relay

High quality relay, suitable for high inrush applications.



Wall

Ceiling



AUTOLIGHT plus

Operating voltage	230 V +/- 10%, 50 Hz
Switching power	800 W incandescent lamps 500 VA fluorescent lamps 500 VA LED 400 A / 200 μ s inrush current or max. 10 electronic ballasts
Sensor principle	HF motion detector
Frequency range	5.8 GHz +/- 75 MHz
Power loss at power off state (active power)	< 1.3 W
Emitted power	< 5 mW
Interfaces	3-pole plugable clamp terminal (N, L, L') for 1.5 mm ² cable
Measures	110 x 41 x 27.5 mm (LxWxH)
Brightness levels	daylight / 300 lux / 150 lux twilight / darkness / program mode
Mounting height	max. 2.7 m (wall) max. 4.0 m (ceiling)
Sensitivity	20 / 30 / 50 / 75 / 100 %
Hold time	10 / 60 / 180 / 300 / 600 / 900 / 1800 s
Test mode	2 s hold time
Operating temperature	-20°C ...+70°C
IP rating	IP 20 (mounting inside a luminaire)
Characteristics	- adjustable, rotationally symmetric and conical detection field with up to 16 m of frontal length as well as a 14 m diameter for a wall mounting height of 1.8 m or a ceiling mounting height of 2.6 m (depending on the kind of luminaire, installation circumstances and mounting conditions) - test mode for checking the sensor functionality - implemented temperature protection

