



# AUTOLIGHT xs comfort V2

HF motion detector with set-up mode for a glare-free installation (in luminaires)

## Motion detector for professional use

**AUTOLIGHT XS COMFORT V2** is a particularly small 5.8 GHz HF motion detector for switching luminaires with any kind of illuminants (for example LED) in a very energy efficient way. It is particularly suitable for price sensitive luminaires with lower electric loads.

A glare-free installation can easily be made via fast-track-function during set up mode. This mode can be activated by a targeted interruption of the supply voltage or by pressing any of the push buttons. The light source is turned off during the whole set up process. In the following test mode the setting of the detection range can be checked.

## Characteristics

- Particularly suitable for professional use with moderate electric loads
- Compact-sized and small casing
- Simple settings via push-buttons with LED-feedback
- Program mode for setting of individual brightness thresholds
- Integrated test mode
- Implemented immunity against other sensors in the same detection field
- Master/Master and Master/Slave installations according to max. switching capacity

Technical data	
Operating voltage	230 V ± 10 %, 50 Hz
Switching capacity	max. 400 VA recommended values: - for at least 300k switching cycles: inrush current max. 20A / 200 µs - for at least 100k switching cycles: inrush current max. 60A / 200 µs For a functional guarantee at switching cycles >20 A we offer a compatibility test*
Standby power	< 1.3 W
Interfaces	3-pole pluggable clamp terminal (N, L, L') for 1.5 mm <sup>2</sup> cable
Sensor principle	HF motion detector
Frequency range	5.8 GHz +/- 75 MHz
Radiated power	< 5 mW
Detection range	up to 15 m (frontal, wall mounted) up to 10 m (diamater, ceiling mounted)
Detection angle	approx. 120° (depending on cover)
Motion detection	0.3 ... 3 m/s (1 ... 10 km/h)
Sensitivity	20 / 30 / 50 / 75 / 100 %
Hold time	10 / 60 / 180 / 300 / 600 / 900 / 1200 s
Brightness	daylight / 300 Lux / 150 Lux / twilight / darkness / teach in
Mounting height	max. 2.70 m (wall mounting), max. 4.00 m (ceiling mounting)
Operating temperature	-20 ... +70 °C
IP rating	IP 20 (mounting inside the luminaire)
Size	66 x 50 x 28.6 mm (L x W x H, incl. mounting lugs)
Certificates	CE (additional certificates on request)

\* This information refers to installation requirements with normal relay wear and tear. See also MICAS data sheet "relay switching cycles".