AUTOLIGHT plus V2

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

Motion detector with high inrush relay

Implemented in a solid standard casing with a special grouting compound is this **AUTOLIGHT PLUS V2** especially suitable for the switching of luminaires with high 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.

AUTOLIGHT PLUS V2 is compatible to common quality electronic ballasts as well as for MICAS master/slave radio technology for luminaires. Customized versions are available on demand.

Characteristics

- Particulary 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
- Master/Master and Master/Slave installations according to max. switching capacity

Technical data	
Operating voltage	230 V ± 10 %, 50 Hz
Switching capacity	max. 1200 VA inrush current max. 800 A / 200 µs*
Standby power	< 1.3 W
Interfaces	3-pole pluggable clamp terminal (N, L, L') for 1.5 mm² conductors
Sensor principle	HF motion detector
Frequency range	5.8 GHz +/- 75 Mhz
Radiated power	< 1 mW
Detection range	up to 15 m (frontal, wall mounted) up to 10 m (diamater, ceiling mounted)
Detection angle	approx. 120° (depending on the 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 / 1800 s
Brightness	daylight / 300 Lux / 150 Lux / twilight / darkness / program mode (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 a luminaire)
Size	110 x 41 x 28 (L x B 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".

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