



AUTOLIGHT 868/868 staircase/915

Radio module for switching of luminaires

Wireless networking of luminaires

AUTOLIGHT 868 is an innovative and very compact-sized radio module to connect several luminaires in a wireless way. As a plug & play module it is especially useable for wireless interconnection with modernisation work. **AUTOLIGHT 868** significantly reduces the efforts of former necessary cable installation and enables the comfortable and individual connection of luminaires in a simple way.

Together with a motion detector out of the **AUTOLIGHT** product family, a radio module activates all other radio modules of the same group; in that way interconnected luminaires are switched on and off at the same time. A special version is available for applications in staircases.

Characteristics

- Repeater mode to forward the radio signal and to increase the range
- Very simple creation of groups via DIP-switch-coding, up to 32 different groups possible
- Very compact-sized casing for hidden installation
- Relay with a good price-performance ratio

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*
Technology	radio transmission, repeater mode
Frequency	868.3 Mhz / 916.5 MHz
Interfaces	4-pole pluggable clamp terminal (N, L, L', L'') for 1.5 mm ² conductors
Standby power	< 1.0 W
Range	approx. 100 m (free field), approx. 30 m (indoor)
Max. quantity master / Max. quantity slaves	up to 48 per group / unlimited per group
Emitted power	< 5 mW
Repeaters	up to two activated repeaters per group
Repeater mode	activation / deactivation
Module groups	up to 32 different groups
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".