Hálózat+nyomógomb vezetéke *Network + push-button wires*

Slave — Master — Slave — Slave

Opcionális csengő-nyomógomb

Optional push-button

HOLUX E-family

*The **Green**pack control system takes advantage of natural daylight, and if no one is in the room, turns off the lights.*

The dimmable lighting systems alone can achieve considerable energy savings compared to the conventional luminaires, however there are other ways for further energy reduction:

– to take advantage of the sunlight in rooms having also natural daylight;
– to switch off the unnecessary luminaires, if there is no one in the room

Accordingly, it is necessary that the system regulates itself automatically according to the preset parameters. With these considerations in mind, the Greenpack control system was developed, which has two main features: the simplicity and the flexibility.

The structure of the system is very simple, based on the so-called master-slave principle .The MASTER (controlling) luminaire includes a light and motion sensor unit, while the SLAVE (controlled) luminaires set the current light output level according to the received signal.

The MASTER luminaire is made in two versions::
– suitable for control of 4 luminaires in case of small offices, or
– suitable for control of 5-50 luminaires in case of larger spaces.

Also the control luminaires are included in these quantities.

The system can be extremely easy expanded by installing further controllable luminaires. If the increased system contains five or more luminaires, also the MASTER luminaire should be replaced, but the existing controlled luminaires are suitable also for the larger system. No extra wiring job is necessary for the connection of the luminaires; a five-core cable should be simply used, two of which serve the control function.

The light and motion sensor in the control luminaire sets the current illumination level according to the incoming natural light, or turns off the light if no movement is detected in the room. Once someone enters the room, the sensor switches the light on instantly and sets it to the proper illumination level.

The sensor is pre-programmed in the factory, but these parameters can be modified by a special programming unit. Practically any parameters can be adjusted: the delay the motion detector, the switching modes, the possibilities of user intervention.

If there is no movement in the room, it is also possible that the luminaires only reduce the brightness and not switch it off completely. This ensures a lighting with a minimum power consumption for orientation.

Main features
- simple construction
- easy installation
- multiple lamp types can be used in a single system
- motion detection
- keeping preset lighting levels depending on natural light
- push-button control as standard
- possibility of remote control
- available in two versions: for with max. 4 or max. 50 luminaires in one system
- up to 70% energy savings in comparison to conventional systems