Eltako
ELECTRONICS

Wireless sensor CE
Motion/brightness sensor FBH55AP

Wireless motion/brightness sensor for surface mounting. 80x151mm external dimensions, 30mm high.

Power supply with integrated solar cell module.

The motion/brightness sensor FBH55AP requires no installation depth behind the mounting plate It may be stuck to any flat surface. 2 adhesive foils are enclosed.

It is supplied assembled. To teach in, simply remove the sensor housing from the frame and snap back in after teach-in.

It transmits a message to the Eltako wireless network every 100 seconds if the brightness changes by min 10 lux. If the sensor detects motion, it sends a signal twice immediately. The switch-off signal is sent after the off delay which has a fixed setting of 1 minute. If there is no change, a status message is sent every 20 minutes.

When teaching-in actuators, the switching threshold is defined for switching the light on/off depending on the brightness. Additional variables are also taught-in on the FKR12.

When an FBH55AP detects movement, switching takes place then and time delay only starts when all FBH55APs taught-in in an actuator detect no more movement.

LRN function button:
Press the LRN key on the rear to teach in or clear an FBH55AP in a wireless actuator that is set to teach-in mode.
After teach-in, the FBH55AP and the actor synchronise themselves provided no object enters the detection range of the FBH55AP for at least 1 minute.

Solar-powered energy accumulator:
Before startup the energy accumulator must be charged. The charging time is approx. 1 hour at 2000 Lux. The device is then ready for immediate operation (teach-in or clear). To ensure the light meter functions properly, the energy accumulator must be charged for approx. 3 hours at 2000 Lux, several days at 100-200 Lux.

Important note!
Only skilled electricians may install this electrical equipment otherwise there is the risk of fire or electric shock!