B.E.G. LUXOMAT® LC-Click-N 200 — 93042/93062

Safety instructions

Work on the mains supply may only be carried out by qualified professionals or by instructed persons under the direction and supervision of qualified skilled electrical personnel in accordance with electrotechnical regulations.

Disconnect supply before installing! This device is not to be used to isolate other equipment from the mains supply.

The total number of switchable loads is limited due to high inrush currents of electronic ballasts and LED drivers. In case of a large number of connected loads please use an external contactor.

For all connected loads, proper interference suppression is obligatory (we recommend to use our arc extinction kits).

Read this supplementary sheet and the operating instructions before putting the device into operation. Knowledge of these documents is part of the intended use!

Operation

The device is a motion detector for outdoor use with 200° detection area and 180° anti-creep zone.

Motion detectors automatically control the light, based on people being present (motion) and on the ambient light level. The detector switches the light on if the ambient light level is below a switch-on threshold (which can be set on the device) and movement is detected. The light remains switched on as long as the detector detects movement (independent of the lighting level) plus follow-up time.

Mounting

Fig. 1

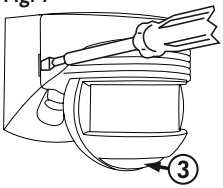


Fig. 2

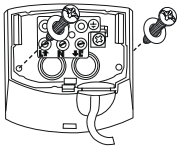


Fig. 3

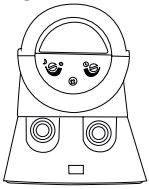


Fig. 4

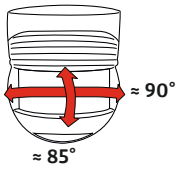


Fig. 5

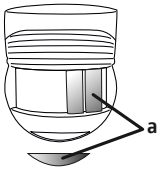


Fig. 6

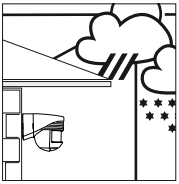


Fig. 7

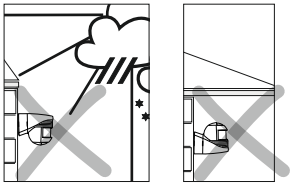
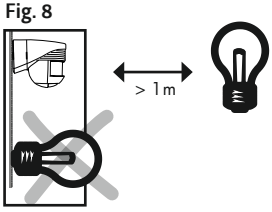


Fig. 8



Mounting hints

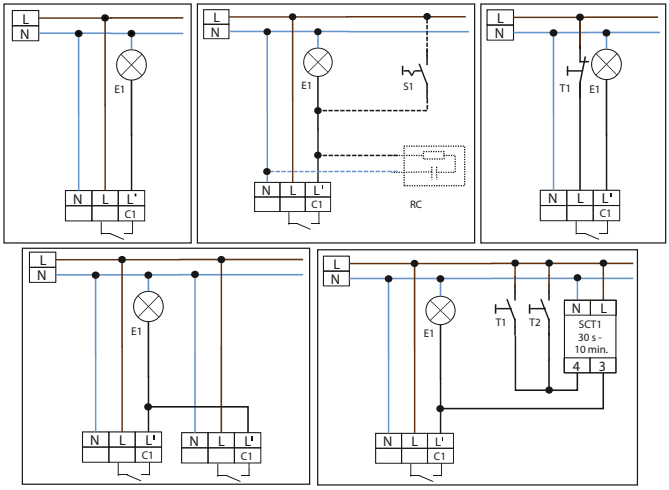
The detector has to be mounted in such a way that the potentiometers are facing down.

The device does not fulfil the requirements of DIN EN50131-2-2 and therefore cannot be used in professional intrusion detection systems.

▶ Fig. 1	Remove the detector from the mounting base using a slotted screwdriver.
▶ Fig. 2	Fix the mounting socket on a solid plane using two screws (please take care with cable introduction).
▶ Fig. 4	The detection range or the detection area can be modified by rotating the detector head vertically and horizontally (detector head horizontal = max. detection range)
▶ Fig. 6	Install the LC-Click-N in a weather protected area
▶ Fig. 7	Influence of weather has negative impact on the device's lifetime. Inappropriate installation or use will interfere with trouble-free operation or will make a trouble-free operation impossible.
▶ Fig. 8	Minimum distance to switched lighting, frontally or laterally to device: 1 m Do not install any lighting below the device.

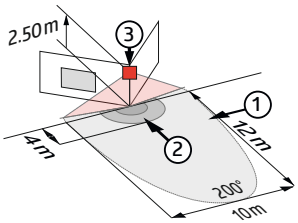
Exclude sources of interference

▶ Fig. 5, a	In case the detection area of the detector is too large or areas are being covered that should not be monitored, the range can be reduced or limited by using the enclosed blinds

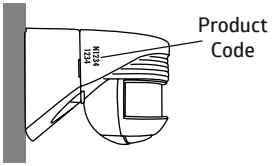
93042 / 93062	**Wiring diagram**
	Schematic diagram – when connecting the detector, please respect the labelling of the terminal connections at the device!
	
	T1/T2 Push button, manual switching on (*press push button for approx. 2 secs.)
	S1 Switch for permanent light
	E1 Lamp
	RC Arc extinction kit if required (Art.No 10880)
	SCT1 Light control with staircase timer model SCT1 – Art.-No.: 92655
	Do not connect more than 5 devices in parallel in order to avoid any erroneous switching.
	Self-test cycle
	The product enters an initial 60-second self-test cycle when the supply is first connected (lighting is on).
	UK Declaration of conformity
	This product respects the directives concerning 1. Electrical Equipment Safety Regulation 2016 2. Electromagnetic Compatibility Regulation 2016 3. The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulation 2012
	Contact
	B.E.G. UK Ltd., Apex Court – Grove House · Camphill Road · West Byfleet, Surrey KT14 6SQ
	Type
93042	LC-Click-N 200 white
93062	LC-Click-N 200 black
	Accessory
10880	RC-Arc extinction kit
92467	Wire basket BSK (Ø 164 x 143 mm)

93042 / 93062	Range of coverage / Product Code

Fig. 5



↕	①	②	③
2.50 m	max. 12.00 m	max. 4.00 m	max. 2.00 m



	Technical data
110 - 240 V ~, 50/60 Hz	Voltage
ca./approx. 0.4W	Power input
0.5 – 2.5 mm²	Terminal clamps: for solid one-wire conductors
200°	Area of coverage
2.5 m	Recommended mounting height
▶ Fig. 5 ① = max. 12 m ② = max. 4 m ③ = max. 2 m	Range of coverage at mounting height 2.5 m, ambient temperature 18°C **1** accross **2** towards **3** anti-creep zone
II / IP54	Class / Degree of protection
103 x 78 x 80 mm	Dimensions L x W x H [mm]
-25°C – +50°C	Ambient temperature
C1 µ - NO 2000 W 1000 VA	 Relay contact Load
A ⊘ B ☼ ☾ A = 4 s – 20 min B = 2 – 500 Lux	**Settings via potentiometers** Follow-up time Switch-on threshold

	Trouble shooting
	1. Lamp does not light up · Lamp may be defect: *Replace lamp* · No mains connection/power: *Check connection and mains fuse by qualified electrician* · Incorrect setting of switch-on threshold: *Correct setting of threshold (potentiometer)* · Lens of sensor unit obstructed by dirt or other objects: *Clean lens, remove objects*
	2. Lamp turns ON too late or detection range too small · The detector is mounted too high: *Correct mounting if required.* · Incorrect setting of switch-on threshold: *- Correct setting of threshold (potentiometer)*
	3. Lamp stays ON continuously · Continuous thermal activity detected within detection area: *Remove heat source. Check proper function of the detector by covering the fresnel-lens.* *After expiry of the follow-up time, the detector has to turn OFF lighting.* · The detector is connected in parallel to a manual override switch: *Connect switch correctly*
	4. Unintended switching of light · Movement of heat sources within detection area: *- Do not install the detector in the vicinity of radiators, fans or air vents.* *- Animals are detected as moving heat sources, too.*
	Product page on the internet

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Subject to technical changes ■ 51035_Short_MAN_LC-Click-N-200_93042_93062_uk_V3 – 070422