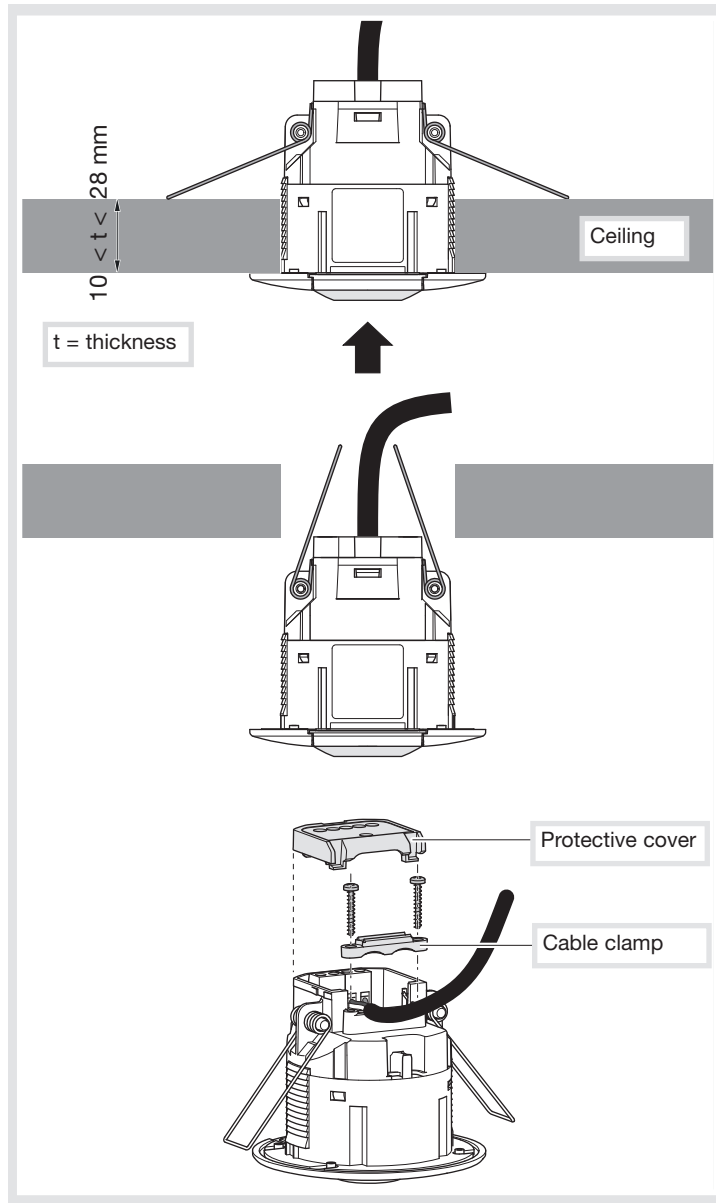
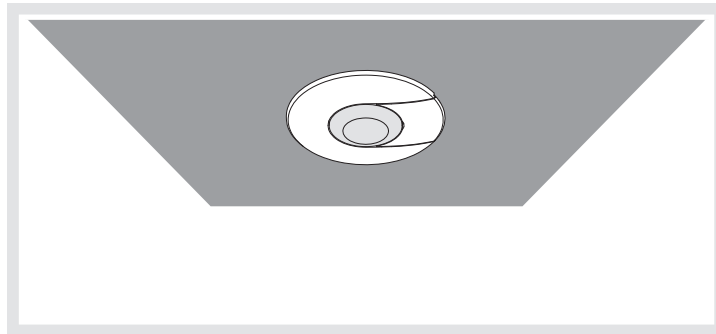


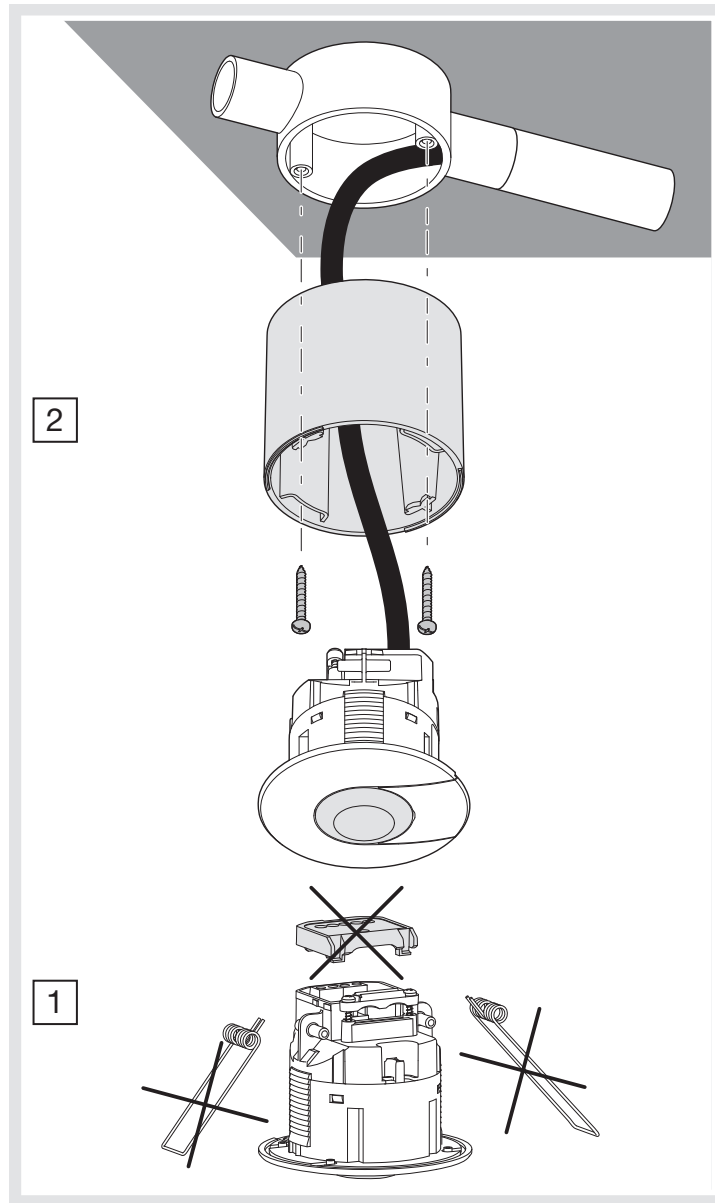
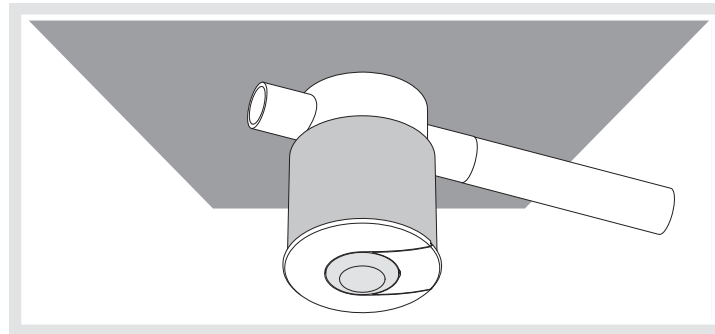
Setting instructions

Mounting EEK520B



Ceiling mounting

1. Cut out a 60-63mm diameter hole using a hole saw.
2. Fix the detector by pushing both springs upward then insert them into the hole.
3. Wire the detector according to the recommended connection diagram or plug into the klik.system marshalling box.
4. Mount the protective cover over the terminals and screw the cable clamp.
5. Set potentiometers according to the desired values.

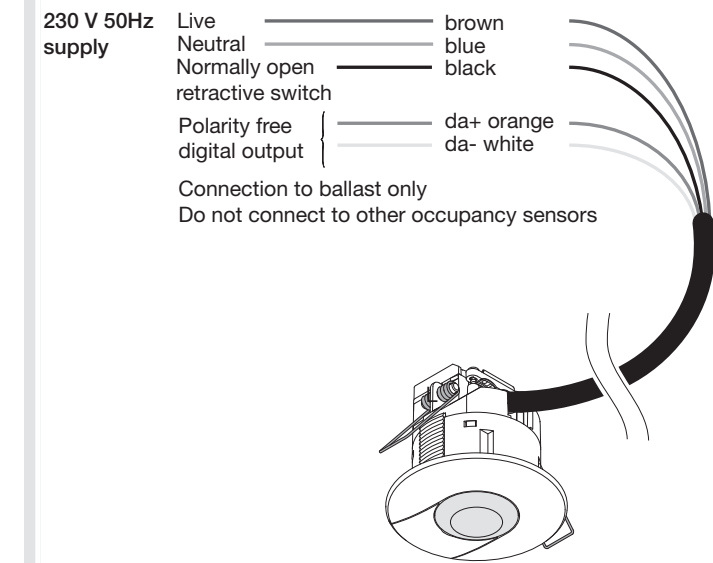


Surface mounting (with accessory EEK005)

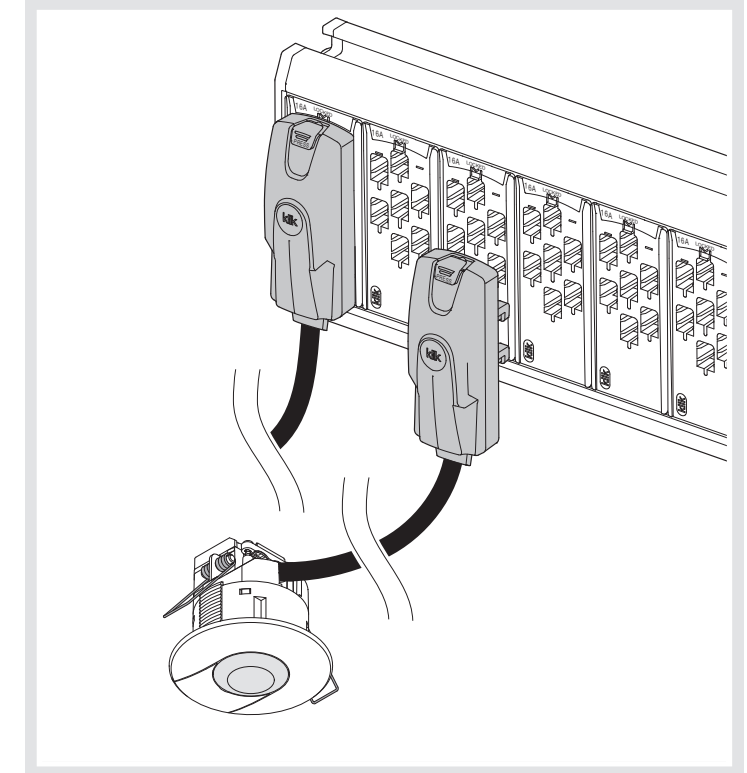
1. Mount the BESA Box.
2. Screw the accessory on the BESA Box.
3. Remove the protective cover and the springs from the detector.
4. Wire the detector according to the recommended connection diagram.
5. Push and turn the detector to lock it into the accessory.
6. Open the slider to set the potentiometers according to the desired values.

Connection diagrams

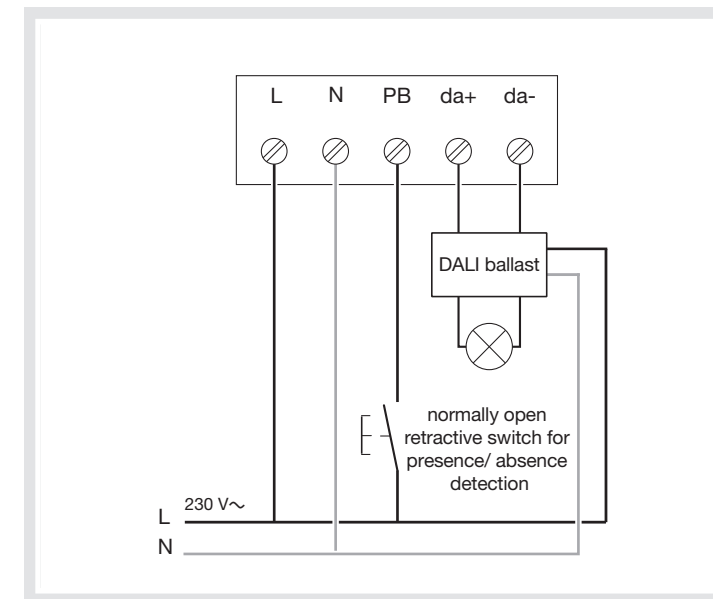
With klik KDCS marshalling boxes (EEK523W)



With klik.system KLMB marshalling boxes (EEK52.P)



Direct wiring to a luminaire (EEK520B)



Implementation requirements

- Requirements for optimal detection:
- Recommended installation distance from ground: 2.5 m → 3.5 m
 - In offices, the detector must be installed above the workstation
 - When associating several detectors, detection areas shall overlap
 - Keep away from environmental disturbances (heat sources, partitions, houseplants, ventilation,...)

Trouble shooting

- False switching of lighting point:
Check that the detector is not exposed directly to a heat source or a lighting source, or is not placed above a ventilation grid...
- The range of the detector is too short:
Check whether the distance of the device from the ground is sufficient and its location is optimal.
- The light regulation on low brightness levels may fluctuate:
check the dimming range of the used ballasts and use preferably 1-100% devices.

Technical features

Electrical characteristics

Supply voltage: 230 V ~ +10% -15% 50-60 Hz
Consumption with no load: 60 mW
DALI/DSI output capacity: 24 ballasts

Functional characteristics

Lighting output operating time: 1min. → 1h
Brightness level: 5 → 1000 Lux
Recommended installation height: 2,5 → 3,5m
Detection range: Ø 7m
(installed product height: 2.5m)
Fixing accessories: screws (No 8), protective cover.
Hole size required: 60mm

Environment

Operating temperature: -10 °C → +45 °C
Storage temperature: -20 °C → +60 °C
Class of insulation: II
IK 03

Index of protection: IP41

Fire resistance: 650°C

Standards: IEC 60669-1, IEC 60669-2-1

Connection capacity (EEK520B):

0.5mm² to 1.5mm² flexible,
0.5mm² to 1.5mm² rigid

