

Mobile illuminance sensor – Ceiling Type Specifications

Applicable Model:
LY/C2203111T

KNX/EIB Home and building intelligent control system

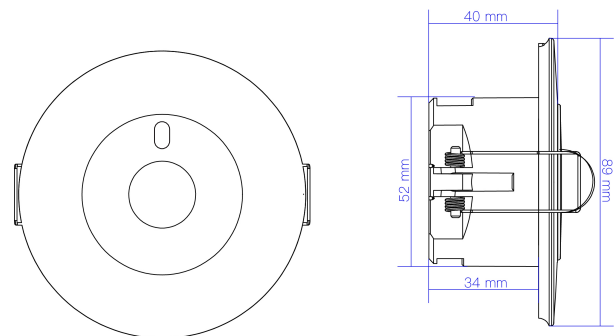
Product Features

- Illumination
- 0lux–65535lux, with threshold function
- Measuring movement range
- 2 times the installation height, the maximum diameter is 8 meters
- With "and", "or" and "exclusive or" logic functions
- With three types of output data, the value can be sent cyclically
- With the networking function of master–slave sensor control, the host has three types of output data
- Stop movement, illuminance function

Technical parameter

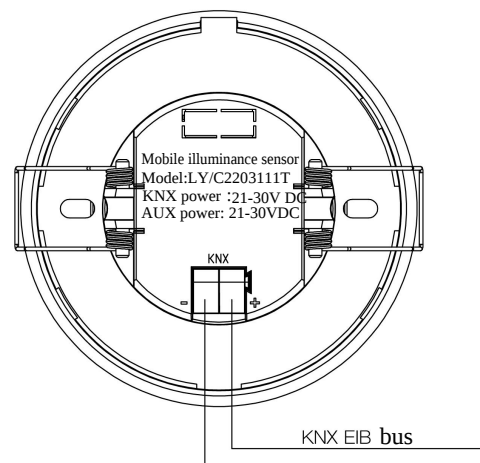
Power supply	Operating voltage	21–30V DC, EIB bus provide
	current consumption	Max. 12mA
	power consumption	Max. 360mW
Operation and Instructions	Red LED and key button	Allocate physical addresses
	Blinking green LED	Indicates that the device is working properly
Connection	EIB/KNX	Bus connection terminal connection
Sensing distance	diameter	The maximum sensing range is 2 times the installation height
Temperature range	Operation	– 5 °C ... + 45 °C
	Storage	– 25 °C ... + 55 °C
	Transportation	– 25 °C ... + 70 °C
Environmental conditions	humidity	<93%, except condensation
CE standard	Compliant with EMC standards and low voltage standards	
Certification	EIB/KNX certification	
Installation	Ceiling installation, fixed with the left and right shrapnel on the Sensor	

Dimensions



Model	Size	Weight
LY/C2203111T	52 × 82 × 33 mm	0.05KG

Wiring diagram



Instruction

H: range size 2.5m~4m, recommended value: 3m

W: Sensing range, the maximum sensing range is 2 times the installation height

Main Tips

1. In order to facilitate and quickly install this device into a conventional distribution box, it has been designed as a modular installation device according to the EN60715 standard, which can be installed on a 35mm DIN rail;
2. Installation and commissioning of equipment can only be operated by qualified and skilled electricians. In the process of planning and implementing electrical installations, relevant standards, directives, rules and instructions shall be strictly enforced;
3. It is necessary to avoid the device from being damp, dirty and damaged during transportation, storage and use;
4. Do not make the device run outside the specified technical indicators (such as temperature range);
5. The device can only be run in a closed environment in (e.g. distribution box);
6. When the equipment is dirty, only use a dry cloth for cleaning. If this is not enough to clean, you can use a damp cloth with a little soap solution to gently wipe, do not use alkali or corrosive solvents.