

Product Data Sheet



GREEN-I CP ELECTRONICS

CP Electronics Green-i Standard Ceiling Surface Mounted On/Off Lighting Control Sensor Black

REF. GESM-B | EAN. 5012774892267

[> Link to e-catalog product sheet](#)

Description

The GESM is a simple to install sensor for all small projects working to a budget. Key features: - Presence detection and lux level sensing - auto on, auto off - Works with any type of lamp, including LED - Adjust time delay and lux settings via potentiometer or (optional) handset (GE-HS) - Easily accessible settings at the front of the sensor via rotatable bezel - Zero crossing - PIR (passive infrared), 360°

Technical characteristics

Model	Presence detector
Movement sensor/presence detector technology	Passive infrared
Constant light control	Yes
HVAC-control	No
Animal zone	No
Creep-under protection	No
Background monitoring	No
Networkable	No
Scan angle	360 °
Optimum mounting height	2.5 m
Staircase light controller	Yes
Bridging switch	No
Max. presence range	154 m ²
Diameter reach on floor	14 m
Suitable for wireless transmission	No
Remote operation	No
Supplied remote control	Yes

Degree of protection (IP)	IP40
degree of impact strength (IK)	IK04
Voltage type	AC
Frequency (Min-Max)	50-60 Hz
Nominal voltage (Min-Max)	100-240 V
Min. switch-on time	10 s
Max. duty cycle	30 min
Detection angle horizontal (Min-Max)	0-360 °
Response value luminosity (Min-Max)	5-2000 lx
Max. switching power	2000 W
Max. switching power LED	350 W
Suitable for C-load	Yes
Number of switching zones	1
Substation input	Yes
With alarm function	No
With acoustic sensor	No
Ambient temperature (Min-Max)	-5-30 °C

Response value sensitivity adjustable	Yes
Response value luminosity adjustable	Yes
With signal unit	Yes
Teach-function for response value luminosity	No
Dim function with dimmer basic element	No
Mounting method	Surface mounted
Suitable for ceiling mounting	Yes
Ceiling built-in mounting without installation box	No
Suitable for wall mounting	No
Connection type	Push-in clamp
Material	Plastic
Material quality	Thermoplastic
Halogen free	Yes
Surface protection	Untreated
Surface finishing	Matt
Antimicrobial treatment	No
Colour	Black
RAL-number (similar)	9017
Transparent	No

Width	96 mm
Height	83 mm
Depth	70 mm
Diameter	83 mm
Compatible with Apple HomeKit	No
Compatible with Google Assistant	No
Compatible with Amazon Alexa	No
Compatible with Casambi	No
IFTTT support available	No
Operating / setting temperature (Min-Max)	-5-30 °C
Storage temperature (Min-Max)	-20-70 °C
Standby consumption	1.6 mA
Mandatory neutral	Yes
Terminal marking indication	Yes
Terminals capacity (Min-Max)	1.5-2.5 mm ²
Cable nature for connection	Flexible or rigid
Label space/information surface	No
Entry membrane gland type	Rigid to break
Auto switch	Yes

Documents

Technical documentation

- LE17025AD.pdf | PDF (2,91Mo)
- 000000849_EN-02.pdf | PDF (4,31Mo)

Agreements & certificates

- LGRP-02209-V01.01-EN.pdf | PDF (0,91Mo)
- OC / CB-SG PSB-IT-00474 | (0,38Mo)