

Data sheet

LIGA.AIR.SM.BAT



- **First CASAMBI magnetic switch.**
- **Touch-less and wear-free switching.**
- **Simply operates with Casambi.**
- **Battery operated, autonomous applicable to all types of installation.**

The LIGA.AIR.SM.BAT is a battery operated CASAMBI magnetic switch.

The internal magnetic sensor detects an external permanent magnet without contact and wear-free up to a few millimeters and sends the corresponding switching signal.

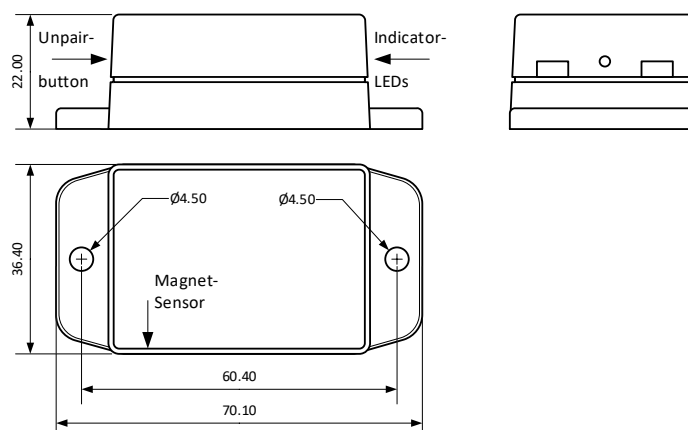
With this magnetic switch it is possible to set a light source, a group, whole light scenarios, animations or complete Casambi networks by the measured position of the object e.g. To switch «open» or «closed» automatically.

The measured position is briefly displayed with internal indicator LEDs (green = closed, red = open).
The reset button is used for easy integration into the Casambi network.

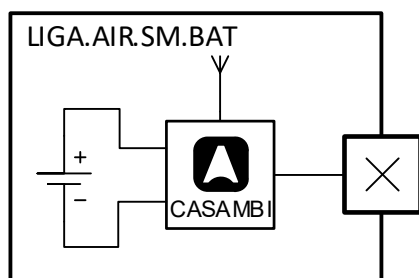
In conjunction with Casambi, this magnetic switch contributes to significant savings in energy consumption. The light or other consumers are only switched on when they are needed. For example, it can also reliably and safely control motorized curtains depending on the window position and other applications can be implemented in offices, industry, retail, hospitality and home.

As a Casambi Ready product, it is directly integrated into the complete Casambi system. All configurations and run times can be set quickly and easily with the Casambi app.

The battery operation allows autonomous use at all assembly locations.

Dimensional drawing:

Schematics:



Technical specifications:

Dimension (T x D1 x D2)	70.1mm (2.75") x 36.4mm (1.43") x 22mm (0.86")
Weight	27g (with battery)
Enclosure colors	Light gray (RAL7035), black (RAL9005)
Mounting	At any mounting location.
Environmental conditions	Operation: Temperature -20 ... 50°C, humidity < 85%rH Stock: Temperature -25 ... 65°C, humidity < 95%rH
Protection type / Protection class	IP44, EN-60529 / Appliance Class II
Power supply	3VDC, 1 x CR2032 Batterie
Setup with Casambi App	Switch-on times, twilight settings of light sensor
Applications	Safety technology, motion detection, automatic light control, energy saving etc.
CASAMBI Modul Standards	Bluetooth 4.0 Wireless Control
Additional standards	Radio Equipment Directive 2014/53/EU
Scope of delivery	1 magnetic switch, 1 permanent magnet, 1 battery CR2032

Update requirements:

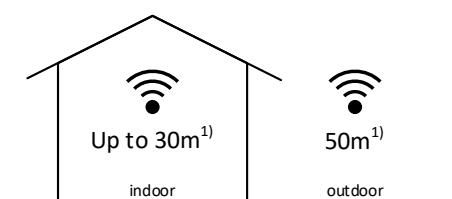
All devices in the Casambi network need to be updated to the latest Evolution version.

Compatible devices:



iPhone 4S or later
iPad 3 or later
iPod Touch 5th gen or later.
Android 4.4 KitKat or later devices
 produced after 2013 with full BT 4.0 support.

Range:



Casambi uses mesh network technology so each CBU-ASD acts also as a repeater.

Longer ranges can be achieved by using multiple Casambi units.

Range is highly dependent on the surrounding and obstacles, such as walls and building materials.

