Data sheet
LIGA.AIR.8T.BAT

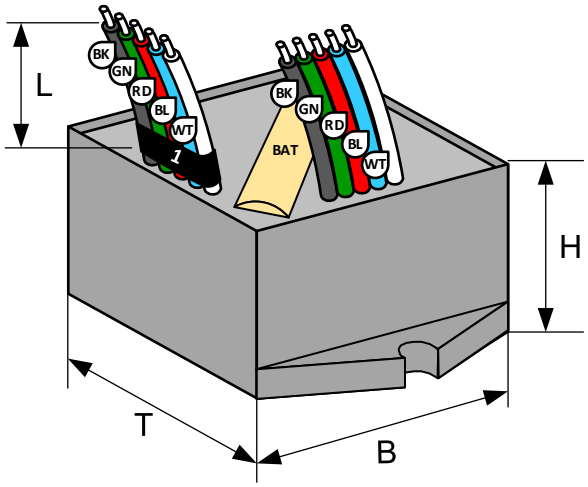
- **Compact, battery-powered input module with 8 inputs**
- **Suitable for installation in flush-mounted boxes**
- **Lowest energy consumption, less than 1 milliwatt**
- **Simply operates with Casambi**

The LIGA.AIR.8T.BAT input module is controlled using the Casambi app and is powered by a standard, inexpensive 1.5V AAA (or LR03) battery.

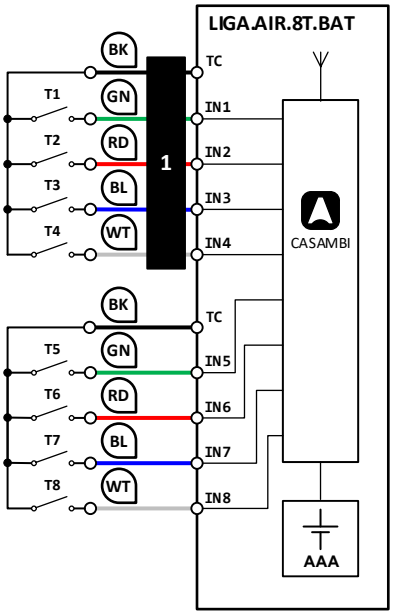
The module has 8 inputs for potential-free buttons, which are directly powered by the common connection TC (black conductor in the ribbon cable).

The module is encapsulated in a black ABS housing and measures 44 x 44 x 23mm.
This compact housing design allows easy installation in flush-mounted boxes or in a cable duct.

Dimensional drawing:



Schematics and circuit examples:



Installation only by a professional electrician according to the local regulations!

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Technical specifications:

Dimension (T x B x H)	44 x 44 x 23mm
Weight	65g
Color	Enclosure black
Mounting	In flush-mounted boxes or cable ducts etc.
Environmental conditions	Operation: Temperature -20 ... 50°C, humidity < 85%rH Stock: Temperature -25 ... 65°C, humidity < 95%rH
Protection type / Protection class	IP20, EN-60529 / Appliance Class II
Inputs (Dry contacts)	2x Flexible flat ribbon cables 5 x 0.5mm² (AWG20), L = 150mm: (flat ribbon cable 1 has a marking) Flat ribbon cable1: Black (BK): TC, green (GN): T1, red (RD): T2, blue (BL): T3, white (WT): T4 Flat ribbon cable2: Black (BK): TC, green (GN): T5, red (RD): T6, blue (BL): T7, white (WT): T8
Power supply	1x 1.5V battery, size AAA or LR03
Standards	Low Voltage Directive (LVD) 2014/35/EU, EN 60669-2-1 Electromagnetic compatibility (EMC) 2014/30/EU
CASAMBI Modul Standards	Bluetooth Wireless Control
Dimming and switching	Configurable with the Casambi application (App Store, Google Play)
Applications	Switching and dimming of loads e.g. lamps, Dimming of DYN Color etc.
Scope of delivery	1 I/O module, 1 Battery AAA

Compatible devices:

Download on the App Store

ANDROID APP ON Google play

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.

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