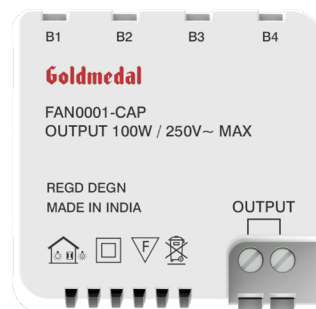
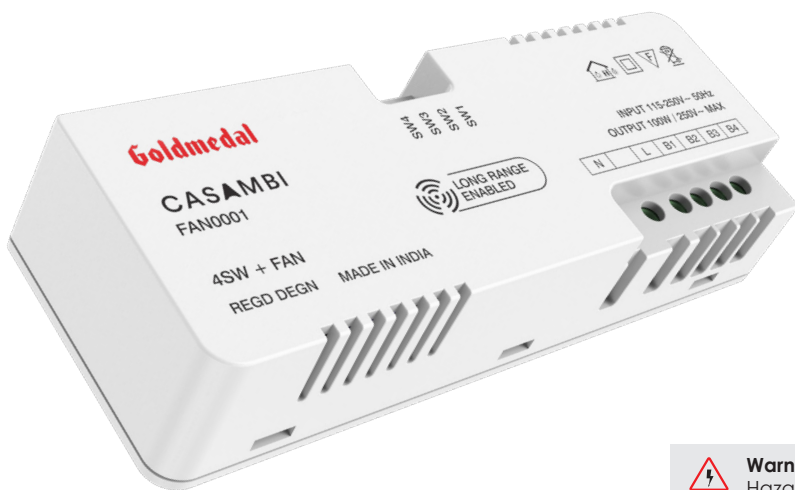
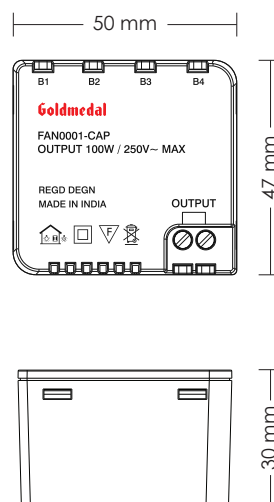
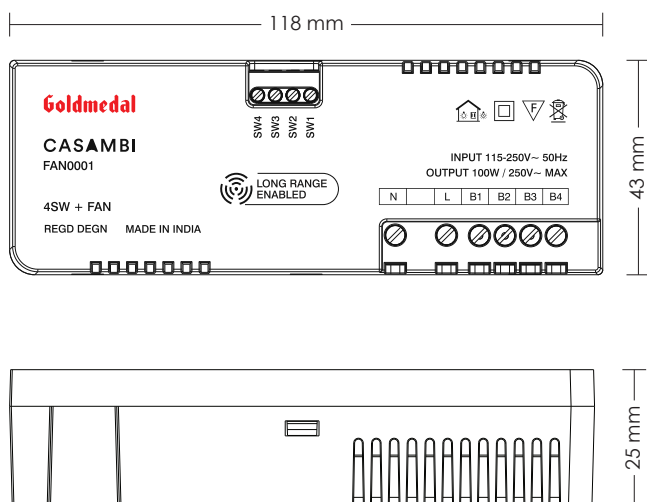


FAN0001  
Bluetooth Long-Rang control unit for Fan load.



**Warning!**  
Hazardous voltages. Risk of electric shock or fire. Only qualified professionals should make the connections. Disconnect the mains power supply and verify its absence prior to installation.

## PRODUCT DIMENSION (IN MM)



## PRODUCT DESCRIPTION

FAN0001 is a wireless (BLE), long-range enabled Fan Control Unit. Fan unit can control fan speed in 8 steps with maximum load capacity 100W.

The Fan Control Unit can be programmed & controlled using the CASAMBI control APP.

The unit has a provision to use 4 separate Push Button inputs (Bell Push), each input can be separately programmed to control luminaries in the network.

The function of each button can be freely programmed in the network like bellow.

- Scenes / Master Functions • Individual Switching / Group Control • Dimming
- Curtains • Aircon switching • Temperature control

The extremely compact housing design allows a simple installation in flush-mounted boxes or in a cable duct.

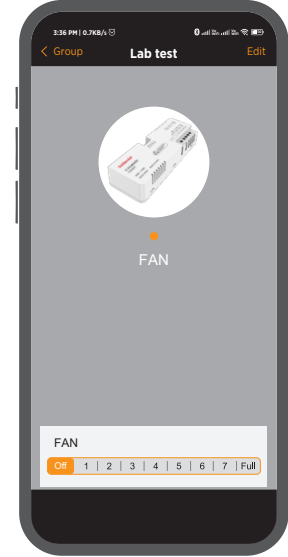
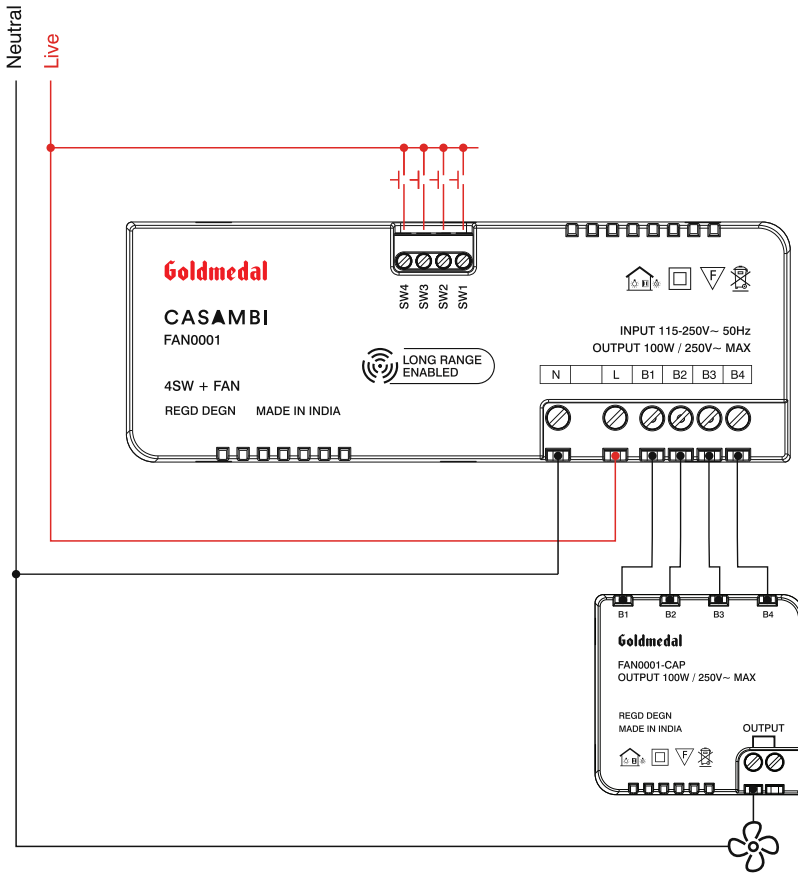
**Regd. office:**  
**GOLDMEDAL ELECTRICALS PVT. LTD.**

A/303, Kemp Plaza, Off Link Road, Mindspace, Chincholi Bunder, Malad (W), Mumbai - 400064, Maharashtra, India.

Incase of consumer complaints, please contact our Customer Care Executive on +91 9711 09 09 09. Address (Same as above)

Email : [info@goldmedalindia.com](mailto:info@goldmedalindia.com) / Web : [www.goldmedalindia.com](http://www.goldmedalindia.com)

## WIRING DIAGRAM



## PUSH BUTTON INPUTS

SW1, SW2, SW3 and SW4 own in Fig.1 are Push buttons Inputs, which can be programmed using CASAMBI APP. These inputs are freely programmable.

| PUSH BUTTONS                                      |                          |   |
|---|--------------------------|---|
| Push Button 1                                     | Not in use               | > |
| Push Button 2                                     | Not in use               | > |
| Push Button 3                                     | Not in use               | > |
| Push Button 4                                     | Not in use               | > |
| Controls what happens when a push button is used. |                          |   |
| Use toggle  | <input type="checkbox"/> |   |

\*\*This Feature is available in Switch

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## INSTALLATION

Make sure that the mains voltage is switched off when making any connections. Use 1.5 mm<sup>2</sup> solid or stranded conductor electrical wires. Strip the wire 6-7 mm from the end.

Insert the wires into the corresponding holes and tighten the connector screw. Make sure to connect the input and outputs correctly. The mains input connector is marked with letters L and N stands for Live and Neutral, while the mains output connector is marked with letters B1, B2, B3 and B4 stands for capacitive unit and capacitive unit have fan output. 4 Push button marked with letters SW1, SW2, SW3 and SW4.

If you install a FAN0001 into a heat-sensitive environment make sure that the ambient temperature does not exceed the specified maximum value.

## TECHNICAL DATA

| Input         |             |
|---------------|-------------|
| Voltage range | 115-250 VAC |
| Frequency     | 50Hz        |

| Mains Output  |             |
|---------------|-------------|
| Max. Load     | 100W        |
| Voltage range | 115-250 VAC |
| Frequency     | 50 Hz       |

| Radio transceiver     |                 |
|-----------------------|-----------------|
| Operating frequencies | 2402...2480 Mhz |
| Maximum output power  | +8 dBm          |

| Operating conditions      |                        |
|---------------------------|------------------------|
| Ambient temperature, ta   | -20...+50°C (Iout 0 A) |
| Max. case temperature, tc | +75 °C                 |
| Storage temperature       | -25...+75 °C           |
| Max. relative humidity    | 0...80%, non-cond.     |

| Connectors              |                          |
|-------------------------|--------------------------|
| Wire range, multi strn, | 1 to 1.5 mm <sup>2</sup> |
| stranded                | 14-22 AWG                |
| Wire strip length       | 6-7 mm                   |
| Tightening torque       | 0.4 Nm                   |

| Mechanical data      |                         |
|----------------------|-------------------------|
| Dimensions           | 117.79 x 42.6 x 25.3 mm |
| Weight               | 125 g                   |
| Degree of protection | IP20 (indoor use only)  |
| Protection class     | Class II                |

| Mechanical data         |            |
|-------------------------|------------|
| Radio coverage indoors  | up to 50m  |
| Radio coverage open Air | up to 185m |

\*\*The FAN0001 enables long-range capabilities only when the long-range radio mode has been selected and all the other device within the network are long-range capable.

## DISPOSAL INSTRUCTIONS

In line with EU Directive 2012/19/EU for waste electrical and electronic equipment (WEEE), this electrical product must not be disposed of as unsorted municipal waste. Please dispose of this product by returning it to the point of sale or to your local municipal collection point for recycling.