



- **Smallest Outdoor relays module for 240VAC up to 16 Amps. switching current**
- **Smallest power consumption, 2 Watts (0.7 Watts standby)**
- **Simply operates with Casambi**

The Casambi Outdoor Relay Module consists of the basic module LIGA.AIR.OD.REL.240+ and the antenna LIGA.AIR.OD.REL.ANT and is controlled by the Casambi App.

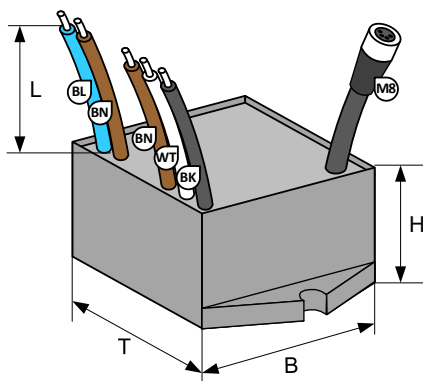
The basic module is connected directly to 100-240VAC and has isolated and independently controllable relay contacts (COM, NC, NO), of which can be loaded with max. 16 Amps.

The detachable, and potted antenna is connected to the base module by means of a waterproof M8 connector and for better reception it can be located outdoors several meters (optionally even more extendable) from the base module.

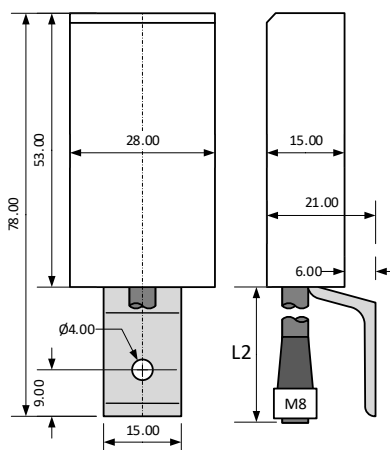
The base module is encapsulated in a black polycarbonate housing and has the dimensions 44 x 44 x 23mm and allows easy installation in flush-mounted boxes or in a cable duct.

Dimensional drawing:

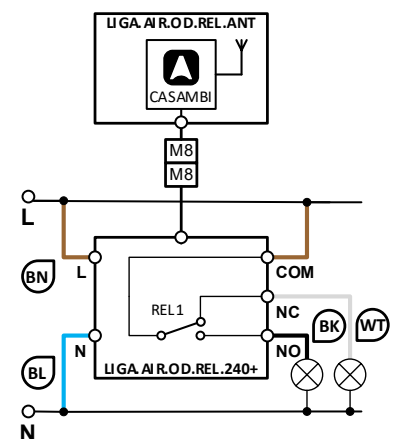
Basic Module



Antenna



Schematics:



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

**Technical specifications:**

Dimension (T x B x H)	44 x 44 x 23mm
Weight base module / antenna / total	85g / 95g / 180g
Colors base module / antenna	Black / aluminum nature and white
Mounting base module / antenna	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	IP64, EN-60529 / Appliance Class II
Connections Power supply	Flexible 1mm ² (AWG17), L = 150mm: Brown (BN): L, phase conductor Blue (BL): N, neutral conductor
Connections relay (REL1)	Flexible 1mm ² (AWG17), L = 150mm: Brown (BN): COM, common contact Black (BK): NO, normally opened White (WT): NC, normally closed
Connection antenna	Waterproof connector M8, L+L2 = approx. 2m, with suitable M8 cable (optional) extendable to max. 10m
Power supply / Frequency	100-240VAC, 50Hz
Power consumption	Max. 2 Watts (0.7W standby)
Relay output	16 Amps max. / 240VAC (note inrush current of load)
Standards	Low Voltage Directive (LVD) 2014/35/EU, EN 60669-2-1 Electromagnetic compatibility (EMC) 2014/30/EU
CASAMBI Modul Standards	Bluetooth Wireless Control
Switching times	Configurable with the Casambi application (App Store, Google Play)
Applications	Switching on of loads e.g. lamps etc.
Scope of delivery	1 Basic module, 1 Antenna

Compatible devices:**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.

