



- Compact relay module for 230VAC and up to 10A switching capability
- Wide supply voltage range 100-480VAC
- 72-hour memory protection "TIMEBACKUP" of CASAMBI module in case of a power failure
- Simply operates with CASAMBI.

The battery-backup relay module LIGA.AIR.REL.TIM480+ is controlled with the CASAMBI app.

The module can be connected directly between 2 phases 400VAC.

The relay contact is completely isolated and can be loaded with max. 10 Amps.

Thanks to the battery-backed supply voltage, the module retains the CASAMBI network configuration for 72 hours even in the event of a power failure.

In this state, the relay is switched off or the relay contact is open.

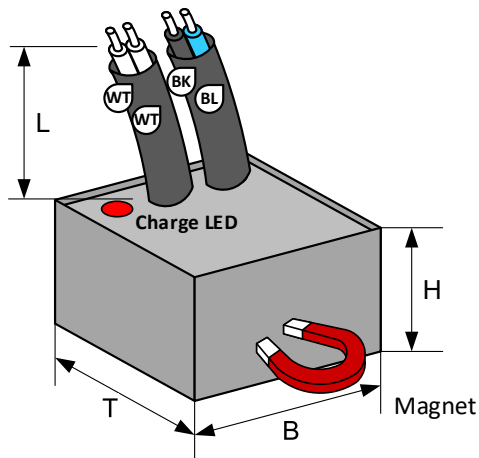
Charging (Charge LED lights up) and discharging of the internal battery is always monitored.

If the module needs to be switched off for unpairing, this can be done with a magnet on the side of the device (see below). If the magnet is attached (e.g. with an adhesive strip), the device can also be switched off permanently.

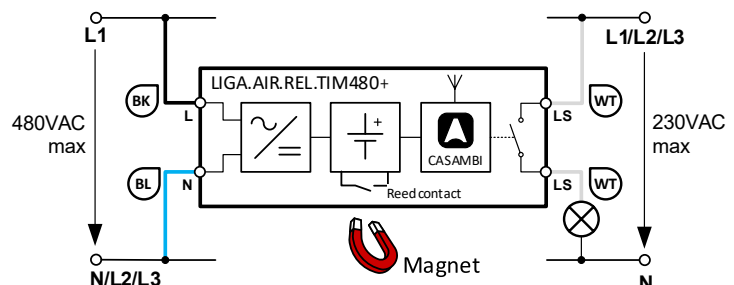
The module is encapsulated in a black ABS housing and measures 70 x 50 x 35 mm.

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

#### Dimensional drawing:



#### Schematics:



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

**Technical specifications:**

Dimension (T x B x H)	70 x 50 x 35mm
Weight	190g
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	IP64, EN-60529 / Appliance Class II
Connections Power Supply	Flexible 2 x 1mm <sup>2</sup> (AWG17), L = 150mm: Black (BK): L, phase conductor Blue (BL): N / Lx, neutral or another phase conductor
Power supply / Frequency	Max. 480VAC, 50-60Hz
Power consumption	Max. 5Watts
"Standalone" time (in case of power failure)	72 hours
Connections Relay	Flexible 2 x 1mm <sup>2</sup> (AWG17), L = 150mm: White (WT): LS, switched conductor
Relay output	Max. 10A at 230VAC (between pole conductor and neutral conductor). Observe inrush current of the load.
Display	LED red, lights when charging internal battery
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 Relay module, 1 magnet

**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.

