



- 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.

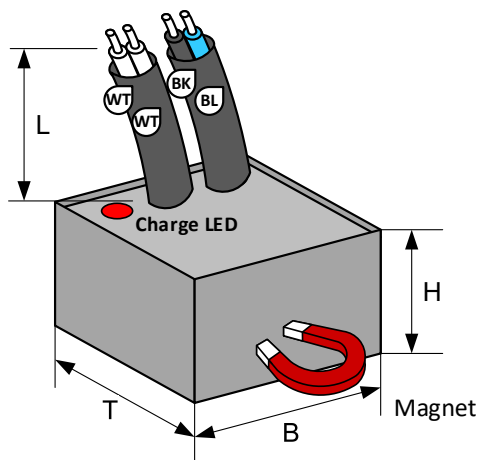
Charging (Charge LED lights up) and discharging of the internal battery is always monitored.

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.

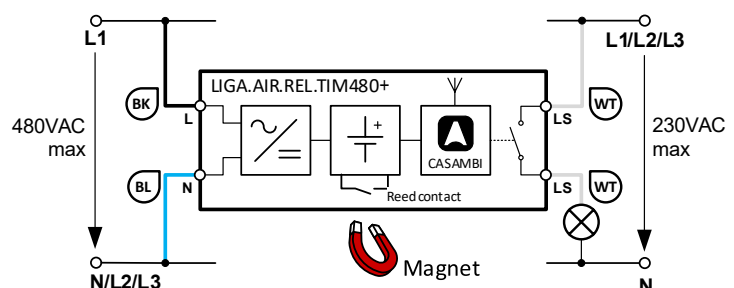
The module is encapsulated in a black ABS housing and measures 70 x 50 x 35 mm.

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 ² (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 ² (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.





KF 0200 B | E 14 375 47



- Kabelkopplingsdosa "Väderbeständig"
- utan plint
- Mått H x B x T: 93 x 93 x 62 mm
- med metriska utbrytningsöppningar

ELEKTRISKA EGENSKAPER

Nominell isolationsspänning: $U_i = 1000 \text{ V}$

ANSLUTNINGSDATA

KABELINGÅNGAR

Kabelgenomföring:

Antal kabelgenomföring	Typ av kabelgenomföring	Storlek metrisk utbrytningsöppning	Kabelgenomföringsplats
7	metriska utbrytningsöppningar	M20	Vägg

MEKANISKA EGENSKAPER

Typ av lockfäste: Snabbförslutning för kapslingslock: Öppnas och stängs med ett kvarts varv, låsläget känns igen med en blick

Medlevererade tillbehör: Yttre fästen, Fästband, Tätningsplugg

IP-kapslingsklass: IP66, IP67, IP69
 IP67: Kortvarig nedsänkning upp till 1 m/30 min
 IP69: Vattentryck max. 100 bar, vattentemperatur max 80 °C, avstånd $\geq 0,15 \text{ m}$

Slaghållfasthet: IK09

Plomberingsbar utan tillbehör: Ja

MILJÖFÖRHÅLLANDEN

För att minska kondens och ackumulering, se teknisk information "Kondensvattenbildning och motåtgärder"

Användningsområde: Oskyddad installation

Max omgivningstemperatur 24 h: 55 °C

Omgivningstemperatur: -25 °C upp till +70 °C

Relativ luftfuktighet: $\leq 50 \text{ %}$ vid 40°C, $\leq 100 \text{ %}$ vid 25°C

MATERIALEGENSKAPER

material:	Polykarbonat
Glödtrådsprov enligt IEC 60695-2-11:	960 °C
UL 94:	V-0
Temperaturbeständighet:	-25 °C upp till +100 °C
Halogenfri:	Ja
Silikonfri:	Ja
Väderbeständig:	Ja (resistent mot UV-exponering från solstrålning, is och havsvatten, korrosion, temperaturbeständig, slagtålig)

DIMENSIONER

Höjd:	93 mm
Bredd:	93 mm
Djup:	62 mm
Nettovikt:	0.108 kg
Inbyggnadshöjd:	74 mm
Inbyggnadsbredd:	74 mm
Inbyggnadsdjup:	47 mm

GODKÄNNANDEN

Överensstämmelse med standarder: DIN EN 60670-1/-22, IEC 60670-1/-22

Certifikat:

Certifikattyp	Certifikatnummer
VDE	40041432
DNV GL	TAE00000EE

DISTRIBUTIONSDATA

Produktnummer:	62000042
EAN:	4012591121701
Förpackningsenhet:	5
Tulltaxenummer:	85369010

ETIM-klass:

DYNAMIC: EC002600 - Box/housing for surface mounting on the wall/ceiling

ETIM-8.0: EC002600 - Box/housing for surface mounting on the wall/ceiling

ETIM-7.0: EC002600 - Box/housing for surface mounting on the wall/ceiling

ETIM-6.0: EC002600 - Box/housing for surface mounting on the wall/ceiling

ETIM-5.0: EC002600 - Box/housing for surface mounting on the wall/ceiling

ETIM-4.0: EC002600 - Box/housing for surface mounting on the wall/ceiling

ANMÄRKNING

Den angivna skyddsgraden ändras inte vid användning av de medföljande tätningssluggarna.

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RITNINGAR

