



- **Compact DALI module for 400VAC, for up to 10 DALI members.**
- **Wide range of supply voltage from 100-480VAC**
- **Direct operation with 1-phase or 3-phase AC power systems**
- **Smallest power consumption 3 Watts max.**
- **Simply operate with Casambi.**

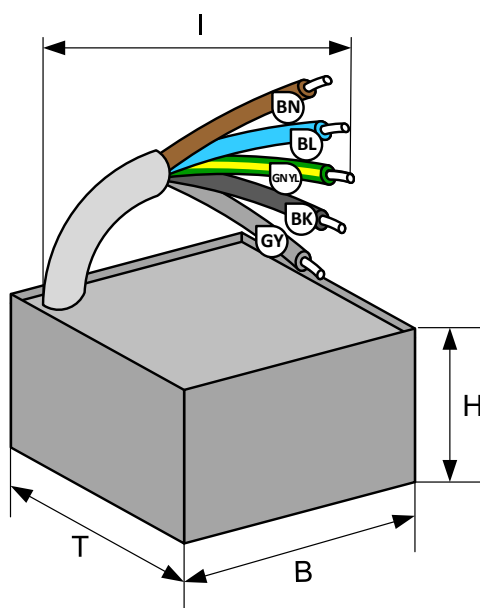
The LIGA.AIR.DALI.100-480 DALI module is controlled using the Casambi app.

The wide supply voltage range (100-480 VAC) allows connection to single-phase alternating current as well as direct connection to three-phase alternating current (between 2 phases).
With an output current of max. 40mA, the DALI output can operate up to 20 DALI devices.

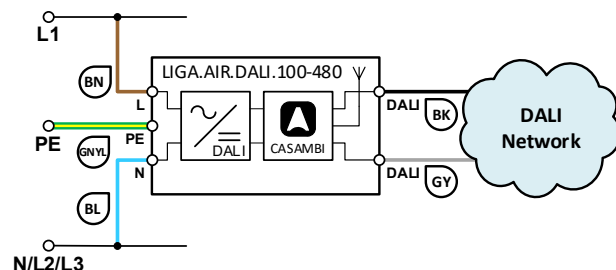
The module is encapsulated in a black ABS housing measuring 50 x 70 x 35mm and can be easily installed in candelabra, cable ducts, etc.

The combination of encapsulation and the insulation of the high-quality power cable (H07NR-F) makes it suitable for use in harsh indoor and outdoor environments.

Dimensional drawing:



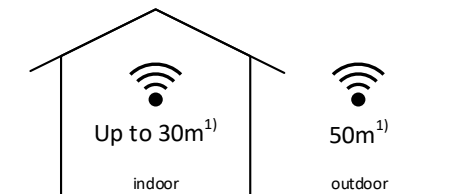
Schematics:



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

**Technical specifications:**

Dimension (T x B x H)	50 x 70 x 35mm
Weight	380g
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	Cable flexible (H07RN-F) 3 x 1.5mm ² (AWG15), L = 500mm: Brown (BN): L1, phase conductor Blue (BL): N, L2 or L3, neutral conductor or other phase L2 or L3
DALI output	Cable flexible (H07RN-F) 2 x 1.5mm ² (AWG15), L = 500mm: Black (BK) and gray (GY), DALI BUS voltage 17 VDC I out max. 40mA (approx. 20 devices)
Power supply / Frequency	100-480VAC, 50-60Hz
Power consumption	3 Watts max
Standards	Low Voltage Directive (LVD) 2014/35/EU, EN 60669-2-1 Electromagnetic compatibility (EMC) 2014/30/EU
CASAMBI Modul Standards	Bluetooth 4.0 Wireless Control
Dimming and switching	Settable by the Casambi application (App Store, Google Play)
Applications	Dimming and switching of DALI devices, 1 channel or broadcast
Scope of delivery	1 DALI module

Compatible devices:**Range:****iPhone 4S** or later**iPad 3** or later**iPod Touch 5th gen** or later.**Android 4.4 KitKat** or later devices

produced after 2013 with full BT 4.0 support.

Casambi uses mesh network technology so each CBU-ASD acts also as a repeater.

Longer ranges can be achieved by using multiple Casambi units.

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

