



consisting of:

1x LIGA.AIR.DOSE.GRAU

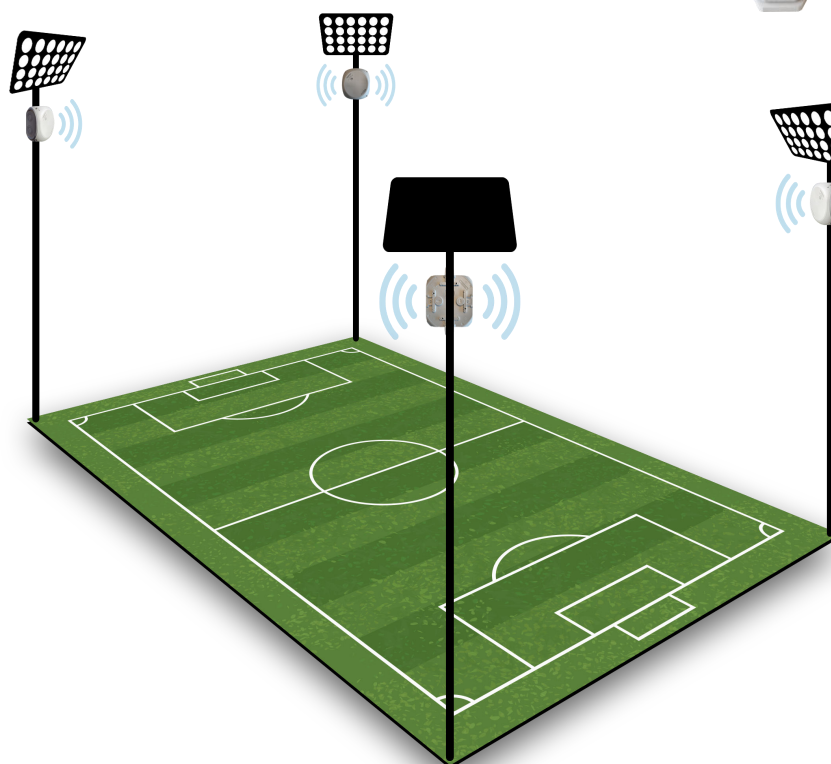
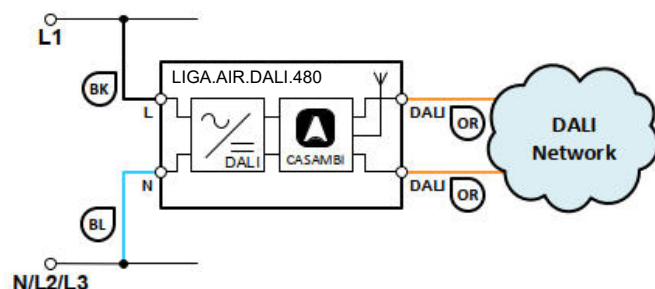
1x LIGA.AIR.DALI.480+

100–480 VAC, 50/60 Hz

Connection terminals 0.2...4mm²



[Installation Manual](#)



Scope of delivery and installation LIGA.AIR.DOSE.GRAU housing IP69 with stainless-steel hose clamps



Scope of delivery:

- IP69 grey enclosure, UV-resistant, 130×130×77mm
- Grey cable gland with plastic locknut
- 2 pcs. hose clamps/W:9mm/Ø:60-215 mm

Mounting:

Using the two pipe clamps, the enclosure can be mounted on any candelabra. Ensure that the module is installed as shown below, so that the white adhesive faces the transmitter direction. (White adhesive suitable for long-range, antenna location)



LIGA.AIR

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- Compact DALI module for up to 20 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 operates with Casambi.

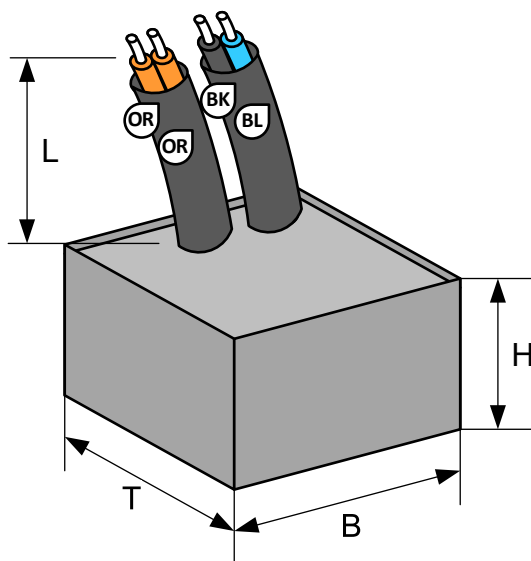
The LIGA.AIR.DALI.480+ DALI module is controlled using the Casambi app.

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.

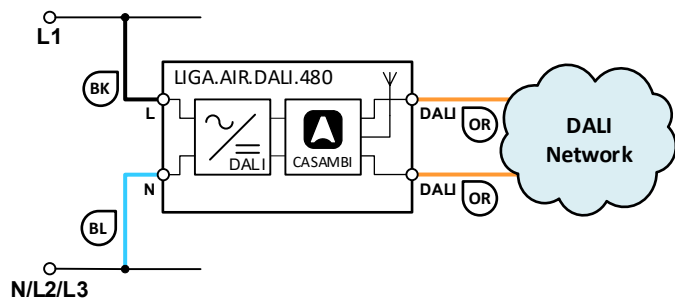
The module is encapsulated in a black ABS housing measuring 50 x 70 x 35mm and can be easily installed in candelabra, cable ducts, etc.

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.

Dimension drawing:



Wiring Diagram



To be installed by a qualified electrician according to local regulations!



Technical specifications:

Dimension (T x B x H)	50 x 70 x 35mm
Weight	150g
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 2 x 1mm ² (AWG17), L = 500mm: Black (BK): L1, phase conductor Blue (BL): N, L2 or L3, neutral conductor or other phase L2 or L3
DALI output	Cable flexible 2 x 0.5mm ² (AWG20), L = 500mm: 2 x Orange (OR): 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, 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:

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.

