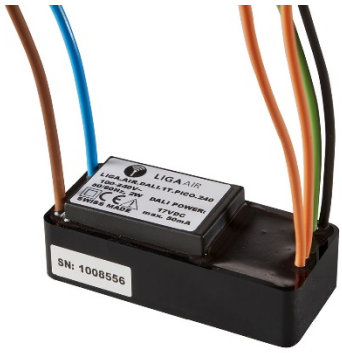
LIGA.AIR.DALI.1T.PICO.240



- **Smallest 1 button DALI module directly powered by 100VAC to 240VAC**
- **DALI driving capability up to 25 DALI members.**
- **Smallest power consumption 2 Watts max.**
- **Simply operate with Casambi.**

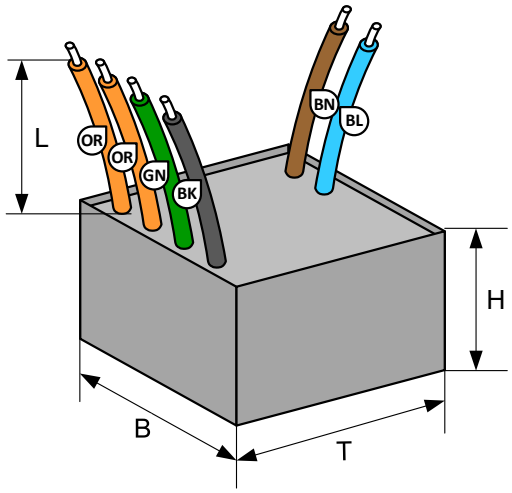
The DALI module LIGA.AIR.DALI.1T.PICO.240 is directly controlled by the Casambi app.

The module is directly connected to 100-240 VAC line voltage. The DALI-BUS output has a capability to drive an output current up to 50mA. In addition, the module have a input for a switch for additional functionality of the Casambi application.

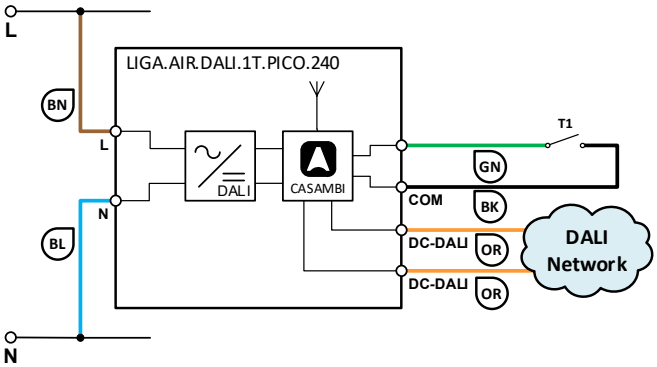
The module is capsuled in a black ABS housing with the dimensions of 61 x 27 x 21 mm.

The extremely compact design of the housing allows an 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!

LICHTTEAM AG
Stationsstrasse 89
CH 6023 Rothenburg
+41 41 280 57 57
mail@ligaair.ch
www.ligaair.ch

Data sheet

LIGA.AIR.DALI.1T.PICO.240

Technical specifications:

Dimension (T x B x H)	61 x 27 x 21mm
Weight	65g
Color	Enclosure schwarz
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	Flexible 2 x 0.5mm² (AWG20), L = 150mm: Brown (BN): L, phase conductor Blue (BL): N, neutral conductor
Connections DALI output	Flexible 2 x 0.5mm² (AWG20), L = 150mm: 2 x Orange, DALI BUS voltage 17 Volt Output current 50mA max (for approx. 25 Dali members)
Connections 1 button	Flexible 2 x 0.5mm² (AWG20), L = 150mm: Green (GN): T1, Black (BK): COM
Power supply ratings	100-240V~, 50-60Hz
Power consumption	2 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:

Download on the App Store

ANDROID APP ON Google play

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.

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

LICHTTEAM AG
Stationsstrasse 89
CH 6023 Rothenburg
+41 41 280 57 57
mail@ligaair.ch
www.ligaair.ch