



TRIDONIC basicDIM Wireless Passive Module G2 Instruction Manual

[Home](#) » [TRIDONIC](#) » TRIDONIC basicDIM Wireless Passive Module G2 Instruction Manual 

TRIDONIC

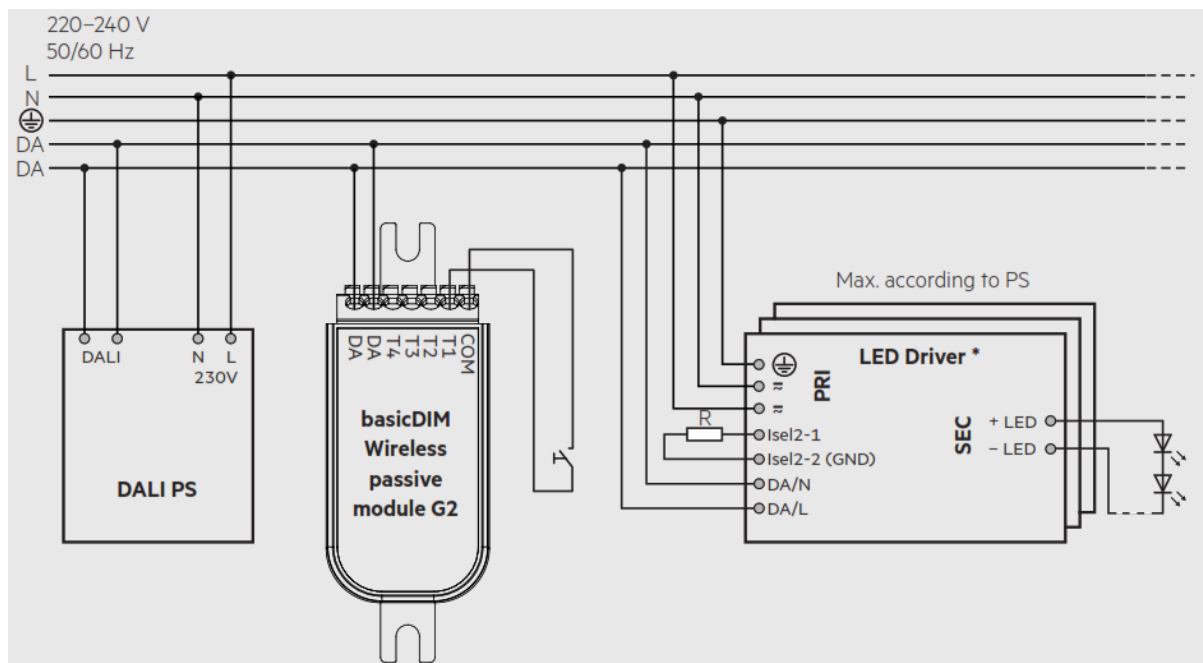
basicDIM Wireless Passive Module G2
Instruction Manual

Contents

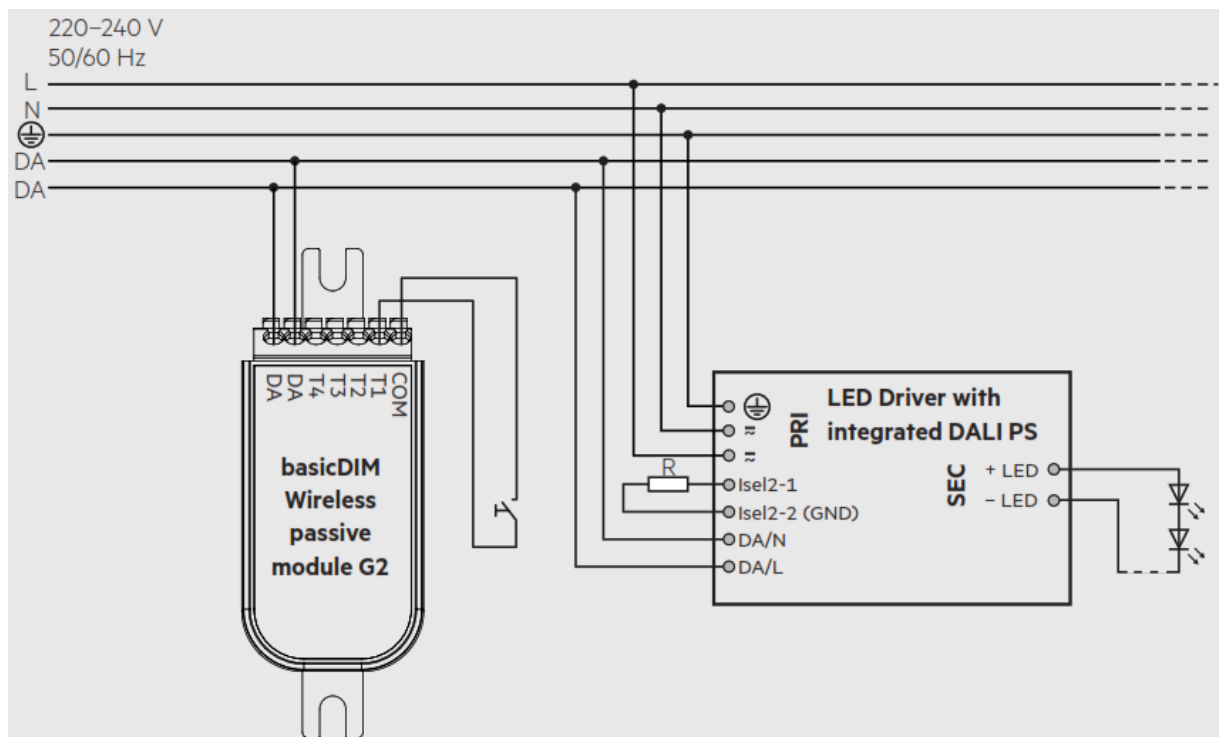
- [1 basicDIM Wireless Passive Module G2](#)
- [2 Technical Data](#)
- [3 Installation Instructions](#)
- [4 Safety instructions](#)
- [5 Documents / Resources](#)
 - [5.1 References](#)
- [6 Related Posts](#)

basicDIM Wireless Passive Module G2

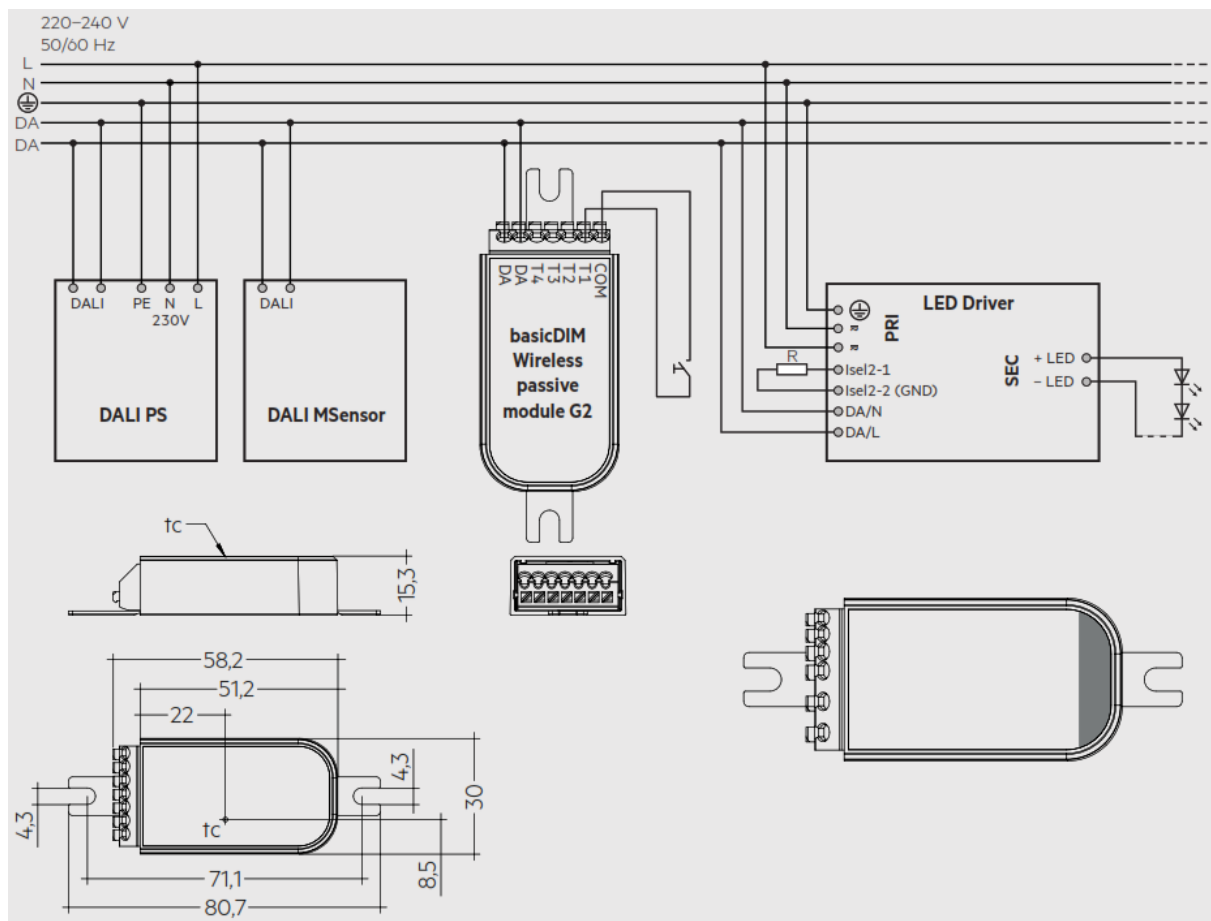
Wiring diagram with external PS



Wiring diagram with integrated DALI PS

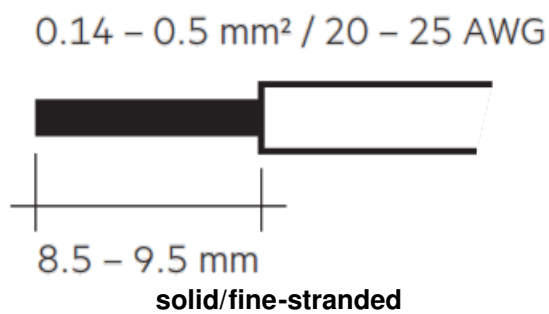


Wiring diagram with DALI MSensor and DALI PS

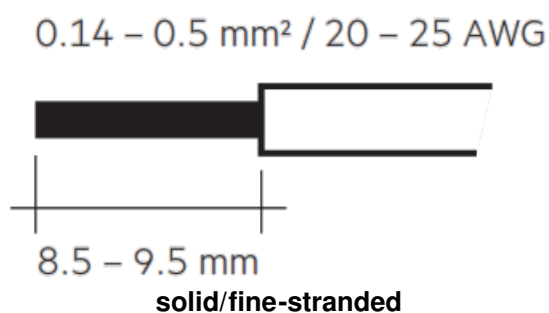


* Max. 4 DALI single / group addresses (A0 ... A3 / G0 ... G3) controllable, depending on the device profile of the basicDIM Wireless module. The rest of the connected drivers can be controlled via broadcast – depending on the device profile.

Mains supply/DALI wires:



Push-button input wires:



Antenna is located on the top of the device.

The basicDIM Wireless passive module G2 is a Bluetooth® DALI controller with 4 freely configurable push-button inputs. The module is powered by the DALI bus, no additional mains supply is needed.

Technical Data

Supply voltage DC (acc. IEC 62386-101)	9.5–22.5 V
Current consumption of DALI	4 mA (30 mA at start)
Max. DALI bus current	250 mA
Typ. power input on stand-by	< 0.09 W
Input	4 push-buttons
Max. cable length push button	5 m at 0.2-1.5 mm ²
Operating frequency radio receiver	2.4–2.483 GHz
Max. output power radio receiver	+ 4 dBm
Output	DALI (compatible)
Assignable DALI addresses ①	4
Ambient temperature	-20... +70 °C
tc point	85 °C
Storage temperature	-25... +75°C
Dimensions LxWxH ②	80.7 x 30 x 15.3 mm
Type of protection	IP20

① Assignment of max. 4 single/group addresses, depending on the device profile.

② Screw fixings can be removed.

Installation Instructions

Make sure that the mains voltage is switched off when making any connections.

Use 0.2 – 1.5 mm² solid or stranded electrical wires for the mains supply/DALI terminals and 0.14 – 0.5 mm² for the push-button terminals.

Strip the wire 8.5 – 9.5 mm from the end.

Make sure to connect the input and outputs correctly.

Compatible devices

Compatible with all Android 4.4 (KitKat) or later, iPhone 4S (iOS 5.0) or later and iPad 3 (iOS 5.1) or later.

Hereby, Tridonic declares that the radio equipment type basicDIM Wireless PassiveModule G2 is in compliance with Directive 2014/53/EU.

Hereby, Tridonic declares that the radio equipment type basicDIM Wireless PassiveModule G2 is in compliance with Directive UK SI 2017 No. 1206.

The full text is available at the following internet address: <https://trid.help/en28003541cer>

Safety instructions

- Installation of this device may only be carried out by specialist staff who have provided proof of their skills.
- Switch off the power supply before handling the device.

- Observe the relevant safety and accident prevention regulations.

Areas of application

The device may only

- be used for the applications specified.
- for safe installation in dry, clean environment.
- be installed in such a way that access is only possible using a tool.

TRIDONIC

09/22-15014469-3

We reserve the right to make technical changes without prior notice.

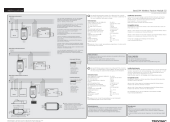
Tridonic GmbH & Co KG

www.tridonic.com

info@tridonic.com

Tel. +43 5572 395-0

Documents / Resources



[TRIDONIC basicDIM Wireless Passive Module G2](#) [pdf] Instruction Manual
basicDIM Wireless Passive Module G2, basicDIM, basicDIM Module G2, Wireless Passive Module G2, Wireless Passive Module, Passive Module, Wireless Module

References

- **[T Lighting solutions for smart indoor and outdoor lighting â€“ Tridonic](#)**
- **[T Certificates for 28003541](#)**