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TRIDONIC Wireless Module Passive MTR Instruction Manual

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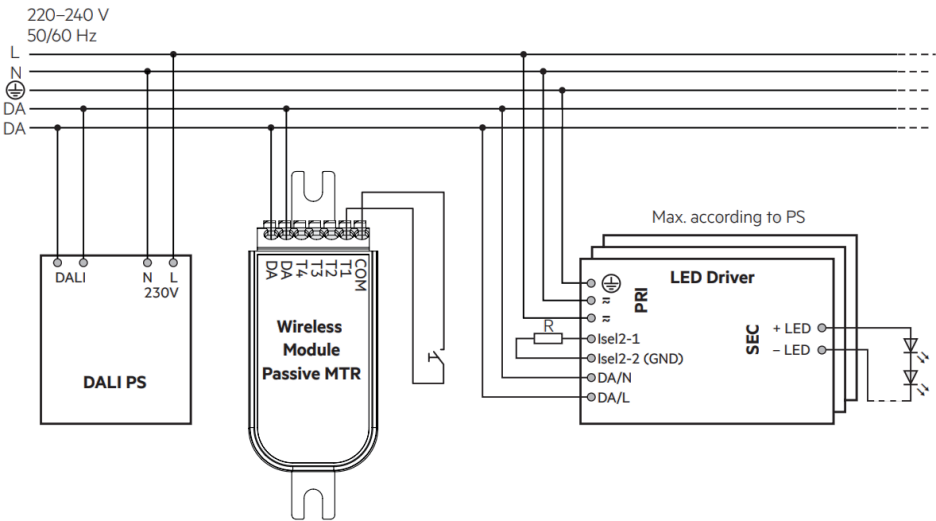
Wireless Module Passive MTR
Instruction Manual
Article number: 28004483

Contents [hide](#)

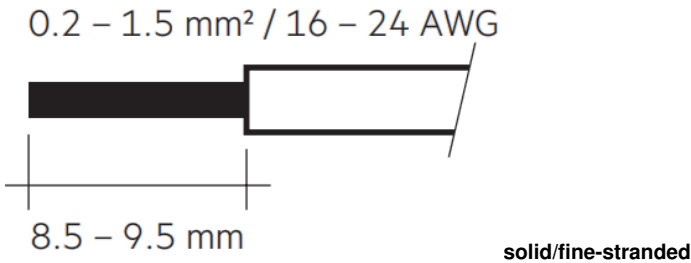
- [1 Wireless Module Passive MTR](#)
- [2 Technical Data](#)
- [3 Safety instructions](#)
- [4 Installation Instructions](#)
- [5 Documents / Resources](#)
- [5.1 References](#)
- [6 Related Posts](#)

Wireless Module Passive MTR

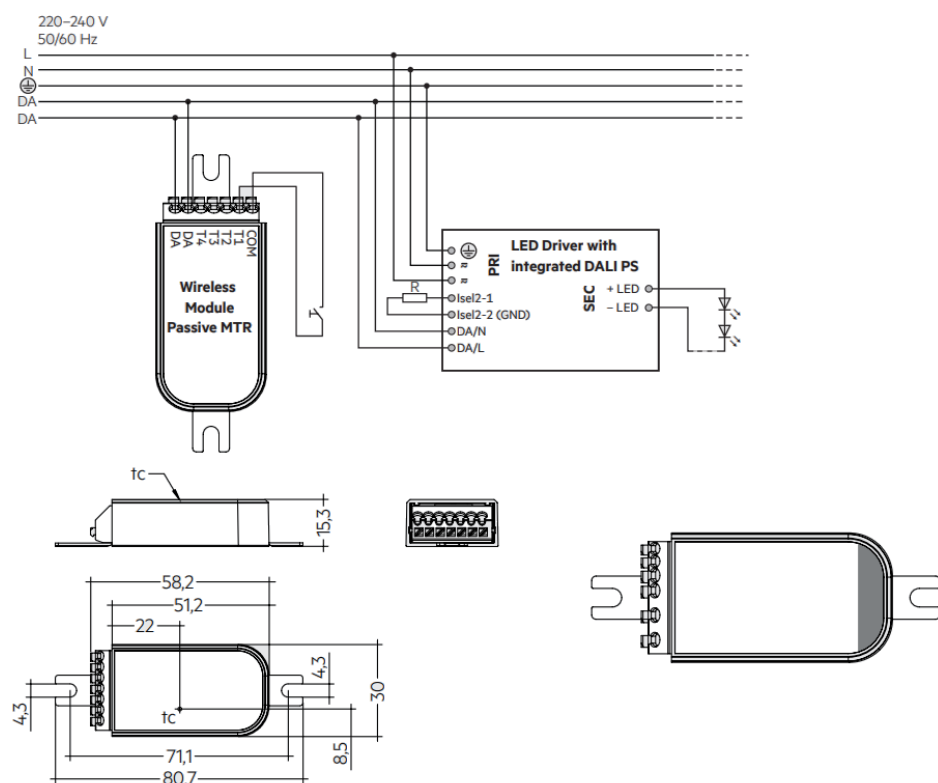
Wiring diagram with external PS



Mains supply/DALI wires:



Wiring diagram with integrated DALI PS



Antenna is located on the top of the device.

The Wireless Module Passive MTR is a Matter-capable DALI controller with 4 freely configurable push-button inputs. The module is supplied via the DALI bus, an additional mains supply is not required.

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 transceiver (E.R.I.P.) ①	< +20 dBm
Output	DALI (compatible)
Turn on time	≤ 2 s
Ambient temperature	-20... +70 °C
tc point	75 °C
Storage temperature	-25... +75 °C
Dimensions L x W x H ②	80.7 x 30 x 15.3 mm
Type of protection	IP20

① E.I.R.P.: Equivalent Isotropic ally Radiated Power.

② Screw fixings can be removed.

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.

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. Mains input connector is marked with letters L and N.

Hereby, Tridonic declares that the radio equipment type Wireless Module Passive MTR is in compliance with Directive 2014/53/EU.

Hereby, Tridonic declares that the radio equipment type Wireless Module Passive MTR is in compliance with Directive UK SI 2017 No. 1206.

The full text is available at the following internet address: <https://trid.help/en28004483cer>

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.

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12/22-15015378-0

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

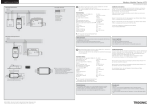
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Documents / Resources



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Wireless Module Passive MTR, Module Passive MTR, Passive MTR, MTR

References

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