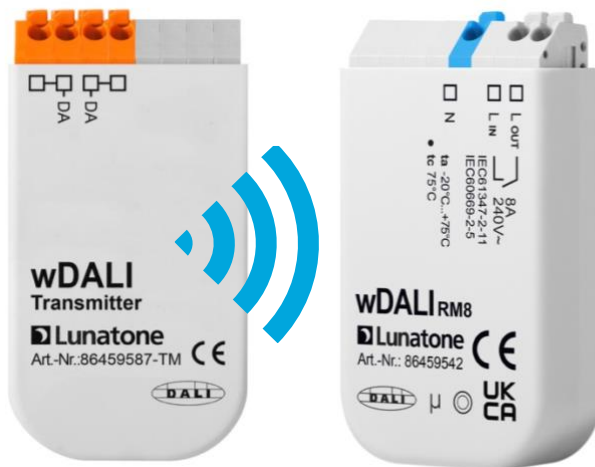


## wDALI RM8

### Datasheet

wDALI Relay

Wireless expansion  
of a DALI-system  
for switched ballasts



Art.Nr. 86459542 (wDALI RM8)

# wDALI RM8 Interface

## Overview

- Wireless DALI-line expansions for switched ballast without DALI-input
- The ballasts can be switched on and off by DALI-commands
- 2 components: a transmitter unit connected to the DALI-line and a receiver module with relay
- The transmitter is supplied directly by the DALI-line, the receiver is supplied by mains
- The module can be addressed and assigned to groups and scenes
- Simple installation and configuration with the DALI-Cockpit software tool

## Specification, Characteristics

<b>type</b>	<b>wDALI RM8</b>
article number	86459542

### electrical data transmitter:

supply	via DALI-line
typ. current consumption	3.8mA
input	DALI
power on behaviour	programmable, here the Power On is the return of the DALI-line supply voltage
frequency-range	2,4 Ghz

### technical data transmitter:

dimensions	59mmx33mmx15mm
housing	back box
connecting wire cross section	0.5 to 1.5 mm <sup>2</sup>
storage and transportation temperature	-20°C...+75°C
operational ambient temperature	-20°C...+75°C
protection class	IP20

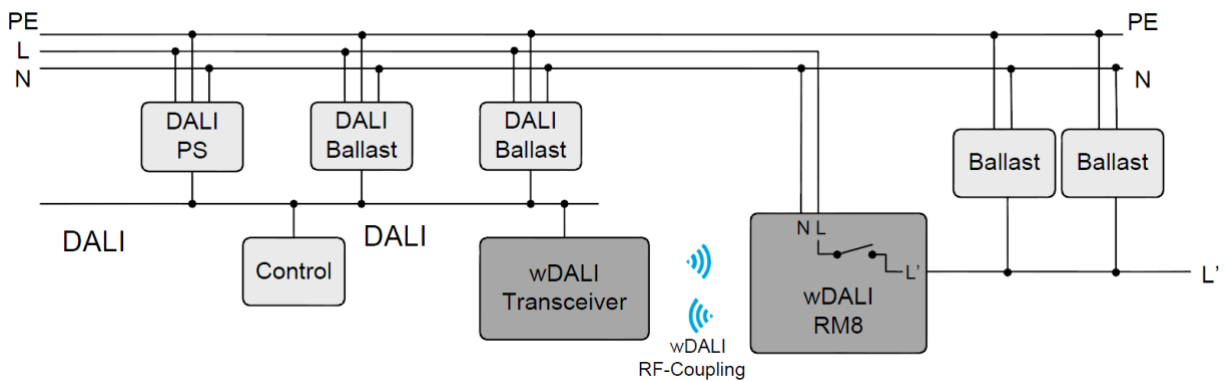
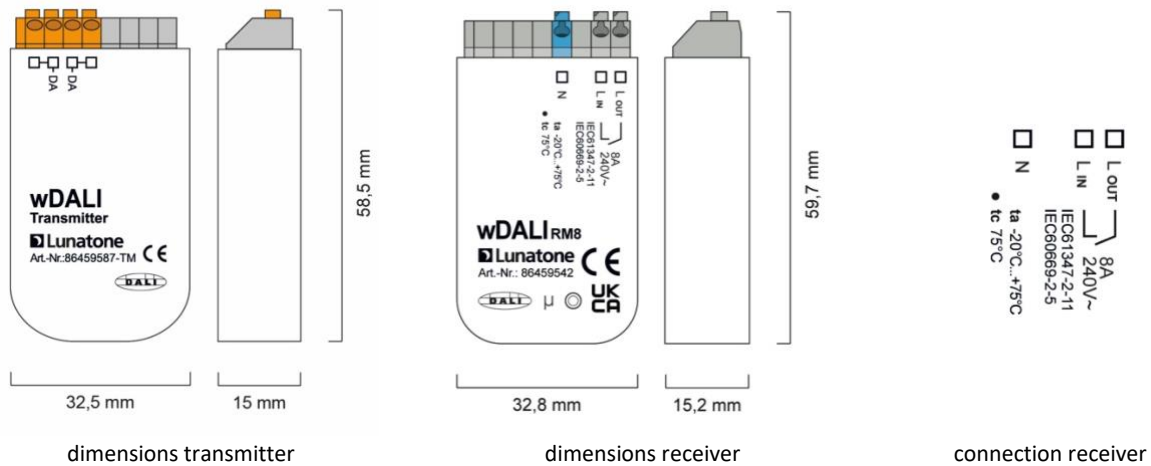
### electrical data receiver:

supply	210-250VAC / 50-60Hz
nominal load	1000VA
max. switching current	8A
max. inrush current	80A

relay data	1 n/o, max. 30000 switching cycles at nominal load (resistive) max. switching frequency 1Hz
frequency range	2,4 Ghz

**technical data receiver:**

dimensions	59mmx33mmx15mm
Housing	back box
connecting wire cross section	0.5 to 1.5 mm <sup>2</sup>
storage and transportation temperature	-20°C...+75°C
operational ambient temperature	-20°C...+60°C
protection class	IP20



## Installation

- the transmitter is supplied by the DALI-line (typical current consumption is 3.8mA)
- the connection to the DALI-line is polarity-free
- the DALI-input is protected against overvoltage (up to mains voltage)
- the receiver unit can switch load currents of up to 8A and is suitable for loads up to 1000VA
- at the terminals wires with cross-section from 0,5 to 1,5mm<sup>2</sup> can be connected
- the components of the wDALI RM8 are suitable for back box mounting
- receiver range depending on structural conditions (outdoors up to 300m)

## Function

- Simple addressing and configuration with the DALI Cockpit software tool
- Switching on/off of to the DALI-line wirelessly connected ballasts

## Purchase Information

**Art. Nr. 86459542:** wDALI RM8 (transmitter included), 1000VA/8A/80A, 1 n/o, back box

## Additional Information and Equipment

DALI Cockpit - free configuration software for DALI systems

<https://www.lunatone.com/en/product/dali-cockpit/>

Lunatone DALI products

<https://www.lunatone.com/en>

Lunatone Datenblätter und Manuals

<https://www.lunatone.com/en/download-s-a-z/>

## Contact

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## Disclaimer

Subject to change. Information provided without guarantee.  
The datasheet refers to the current delivery.

The compatibility with other devices must be tested in advance to the installation.