

LumiLink

DALI Volt Free Relay



Simple DALI volt free relay with 0-10V output great as a converter for devices that need a 0-10v input such as lights, fans etc or use the volt free contact to trigger devices that need a simple contact closure (garage door units, a/c units, security etc). The volt free relay can also be used as a standard relay to turn devices on/off.

Features & Benefits

- Control 0-10V devices from a DALI system (10mA)
- Turn loads on/off using DALI commands
- Small form factor allows discreet mounting
- 1 DALI address can be assigned by DALI master controller
- Use the volt free relay as a contact closure to trigger third party devices
- DALI bus powered (3mA), no extra power supply needed
- Compatible with all compliant DALI control systems

Technical Specifications

Input and Output

Input voltage:	DALI powered 3mA	Relay Capacity:	1000W incandescent 300W LED
Relay contact:	Normally open volt free	0-10V Load:	Max 10mA
Relay switching Voltage:	100-240VAC 30VDC	DALI Connection:	8mA (nominal) polarity sensitive

Environment

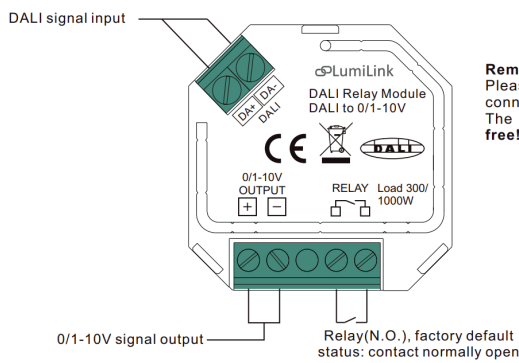
Protection: IP20

Package

Size: 45 x 45 x 20mm



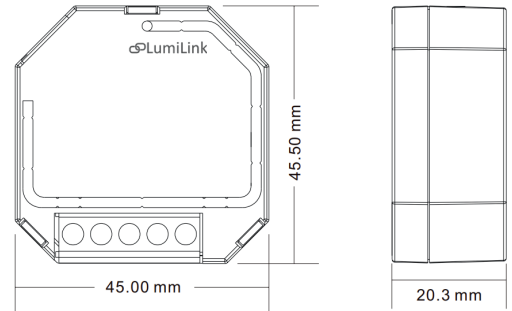
technical details subject to change rev v1.2



Details

Remark:
Please keep attention on the connection of the DALI-line: The DALI input is **not polarity free!**

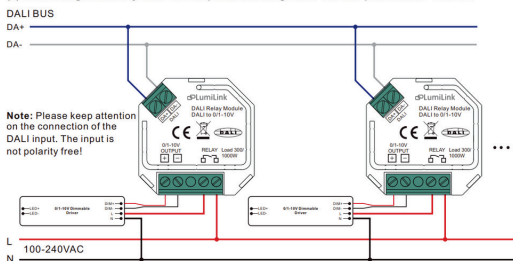
Product Dimension



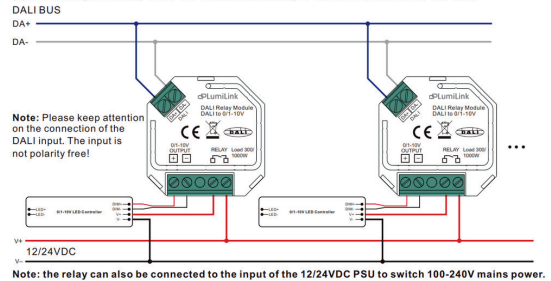
Example of Use

Wiring diagram

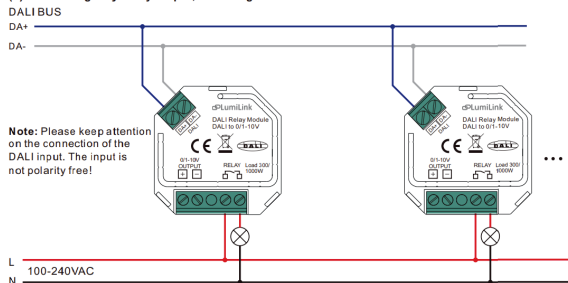
(1) Connecting both Relay & 0/1-10V outputs, switching of 100-240VAC powered 0/1-10V load



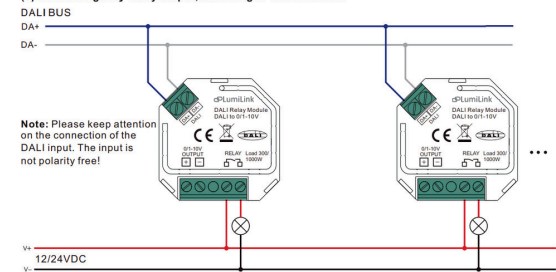
(2) Connecting both Relay & 0/1-10V outputs, switching of 12/24VDC powered 0/1-10V load



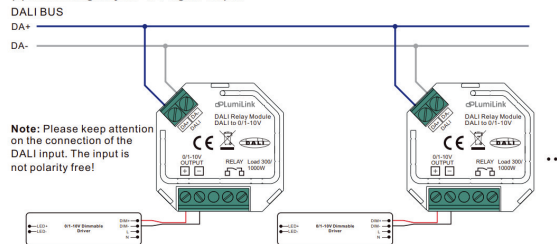
(3) Connecting only Relay output, switching of 100-240VAC load



(4) Connecting only Relay output, switching of 12/24VDC load



(5) Connecting only 0/1-10V signal output



Ordering Information

Part Number	Description
LL-D2010V-PUC	DALI Volt-free Relay with 0-10V Output

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