LumiLink

Name：DALI2 Relay Puck

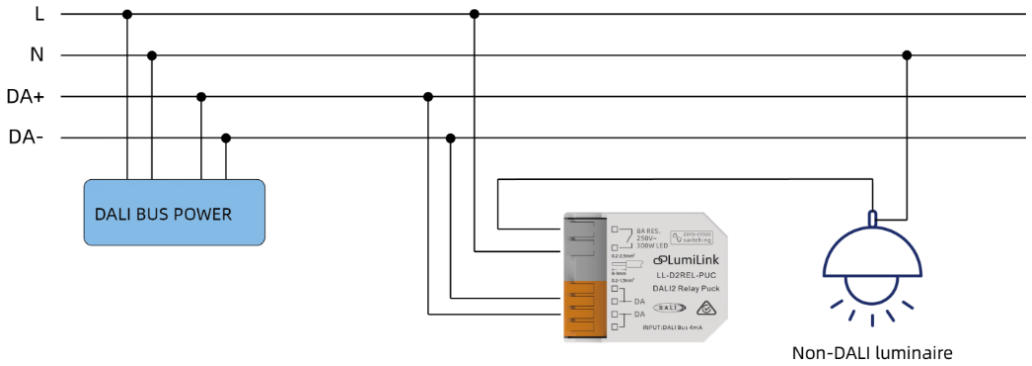
Model No：LL-D2REL-PUC

Quick Start Guide

Product Features

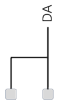
- According to IEC62386-101, IEC62386-102, IEC62386-208 Ed2.
- Compatible with DALI compliant control systems/devices on the market.
- Quick connect terminals
- Directly connected and supplied by the DALI bus(4mA).
- Waterproof Rating：IP20.

Wiring Diagram



Function Introduction

- For terminals (two ports are connected in parallel, as below)



Terminals

Connection type	Quick connect terminals
Wire size (DALI terminals)	0,2 ... 1,5 mm²(24 … 16AWG)
Wire size (Load terminals)	0,2 ... 2,5 mm²(24 … 14AWG)
Stripping length	8~9 mm

Supply	via DALI-line
Current consumption (at 16.5V)	4 mA
Max. switching capacity (resistive load)	8A 250V (AC), 5A 30V (DC)
Nominal switching capacity (resistive load)	5.6A 250V (AC), 3.5A 30V (DC)
Max. switching power (resistive load)	2000VA (AC), 150W (DC)
Max. switching voltage	250V (AC), 30V (DC)
Max. switching current	8A (AC), 5A (DC)
Switching capacity — capacitive / LED load	300W (contact us before installing if switching a higher load)
Switching capacity — inductive load	5A 250V (AC) at cos φ = 0.4 (per relay safety listing)
Switching method	zero cross switching (AC)
Type of relay contact	Latching relay
Switching operations at nominal load, resistive	$>10^5$
Maximum switching frequency	1Hz
Input	DALI

Warnings

- Installation may only be carried out in a voltage-free state of the system and by personnel with suitable qualifications.
- National regulations for setting up electrical systems must be followed.
- The wiring should be carried out as a permanent installation in a dry and clean environment.
- This product is not waterproof. Please do not expose it to a damp environment.
- Please disconnect the mains power supply before wiring.
- Make sure the wiring is installed correctly and has made proper contact with the terminals.
- Before power-on debugging, it should be ensured that all wiring is correct.
- In case of malfunction, please do not open the unit. If you have any questions, please contact the supplier.