











DALI Repeater Field Mount



The LumiLink DALI repeater is compatible with any DALI control system that complies with the standard, allowing you to extend the DALI line beyond the standard 300-meter limit. This unit has a built-in 150mA DALI power supply, enabling you to extend the line by an additional 300 meters. The repeater provides isolation between DALI lines while enhancing the transmission of DALI signals, simply passing along the messages it receives in both directions. However, the maximum number of DALI devices is still governed by the control system it's connected to.

Features & Benefits

-  DALI repeater with integrated DALI power supply.
-  For extending the DALI line length from 300 to 600m.
-  Enhancement and transmission of DALI signals (bidirectional).
-  Cascaded network layout with up to 3 repeaters in series.
-  DALI commands from any control unit are transmitted in all DALI-lines.
-  For each subordinate DALI circuit no extra DALI power supply required.
-  In single-master applications star networks with multiple repeaters can be set up.
-  Maximum output current of 200mA to power the entire DALI line.
-  Star or cascade network layout installation requires only a single master to operate.
-  Electrical insulation between the main control circuit and the subordinate control circuit.

Technical Specifications

technical details subject to change rev v1.1



Input and Output

Input voltage:	100-240VAC
Input supply frequency:	50/60Hz
Input current:	0.1A
Output current:	Max. 200mA
Input/Output signal:	DALI

Environment

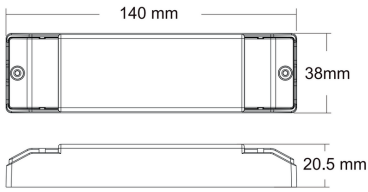
Operation temperature:	Ta: -20 °C ~ +55 °C
Protection:	Over-heat

Package

Size:	L156 x W48 x H22mm
Gross weight:	0.082kg

LumiLink

Details



AC N input

AC L input

Two groups of DALI signal input (no need distinguish plus-minus polarity)

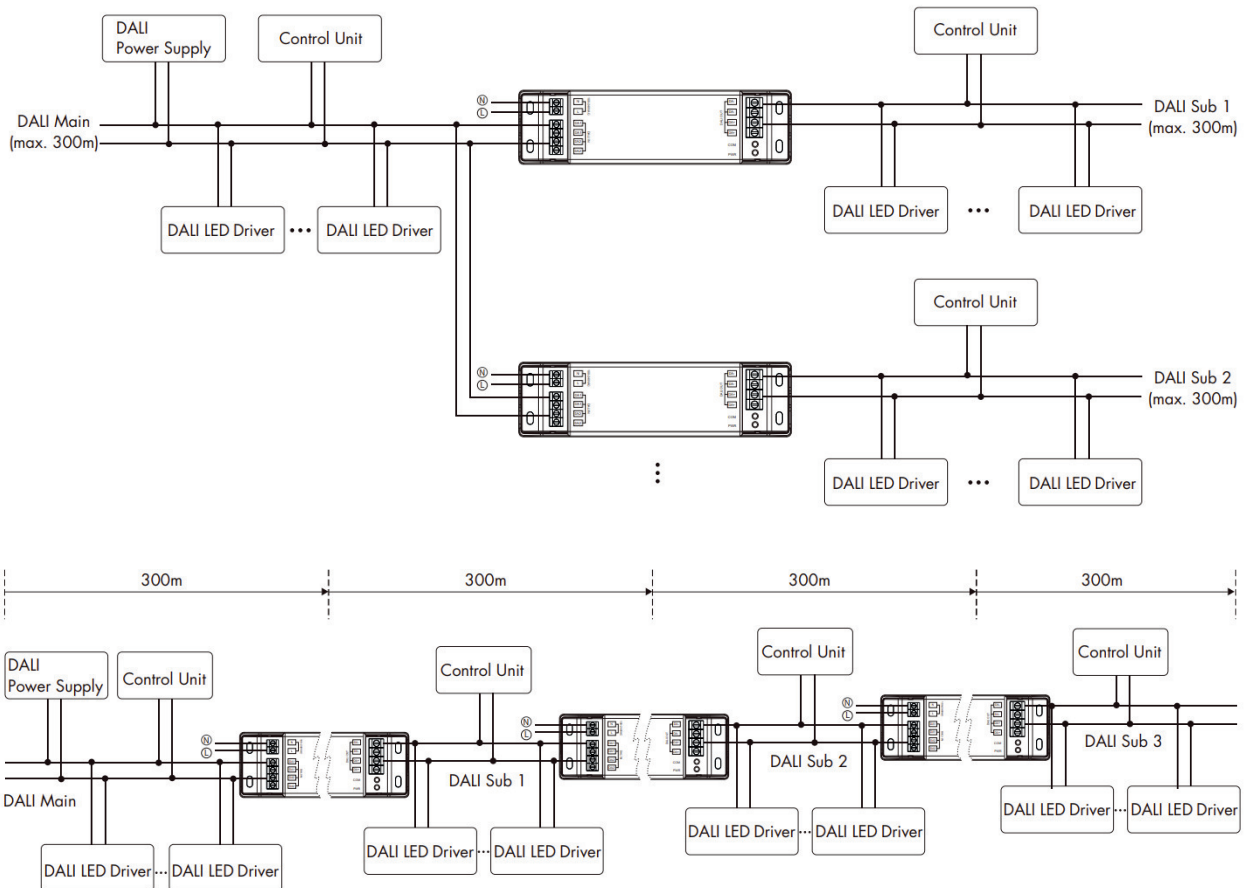


Two groups of DALI signal output (need distinguish plus-minus polarity)

DALI signal indicator

Power indicator

Example of Use



Ordering Information

Part Number

Description

LL-D2REPEAT-FM

LumiLink DALI Repeater

To find out more about LumiLink products, scan this QR code:



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www.lumilink.com.au