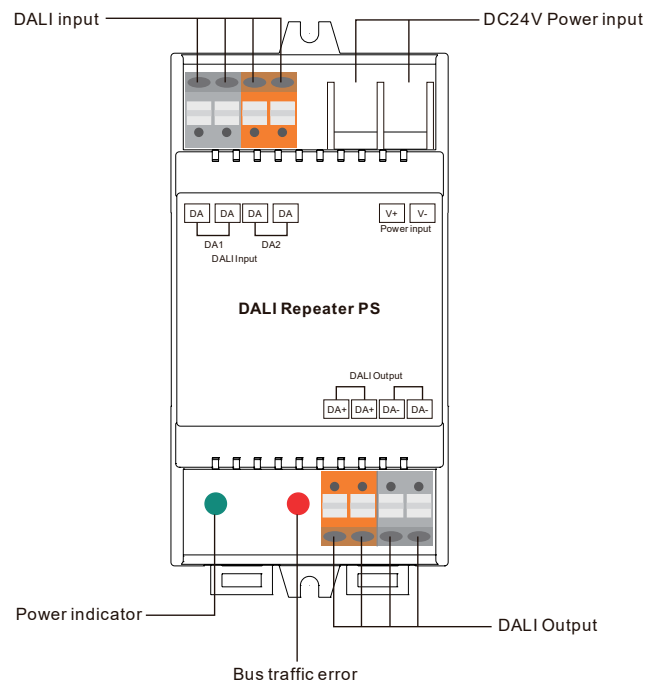


DIN Rail DALI Repeater PS

Function Introduction

- **Important:** Read All Instructions Prior to Installation.



Specifications

Power supply	24VDC
Typ. current consumption DALI IN	< 2mA
Typ. current consumption DALI OUT	Integrated DALI PS: up to 150mA
Input/output	DALI/DAL
Wire cross section	0.5 ...1.5 mm ²
Mounting	DIN Rail
Dimension	110x53x65mm
Ambient temperature	-20° C to +50° C
Protection class	IP20

Features

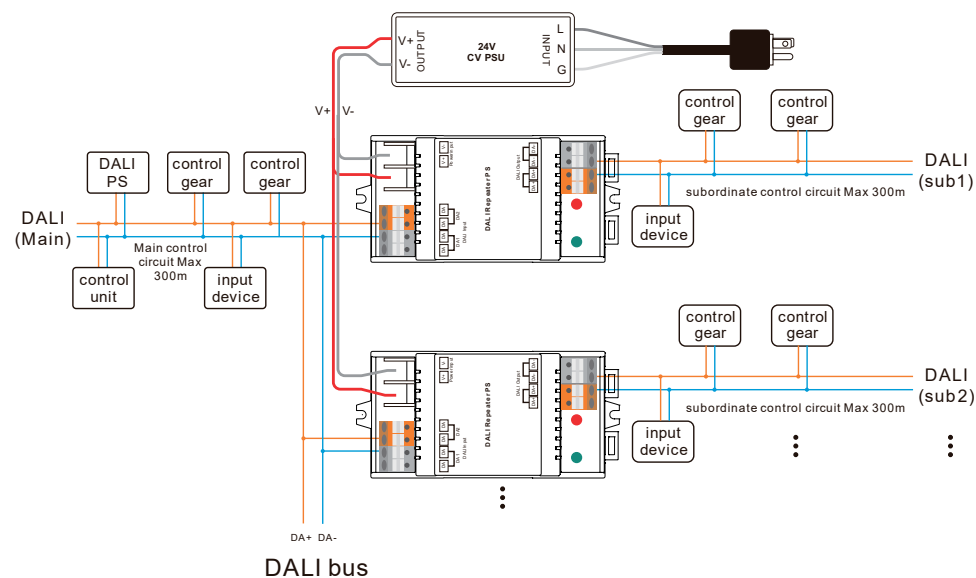
- DALI repeater with integrated DALI power supply.
- Device to enhance the maximum DALI cable length from 300m up to 600m.
- Enhancement and Transmission of the DALI-signals (bidirectional).
- Galvanic separation between DALI circuits.
- Either radially arranged network layout or cascaded system mounting operated with single master.
- restricted cascading (Series wiring) of multiple repeaters in multi-master operating mode
- The maximum amount of DALI-devices in the total network is limited to 64, the devices can be divided on the subordinate circuits at will.
- For each subordinate DALI circuits no extra DALI power supply required

Safety & Warnings



- DO NOT install with power applied to the device.
- DO NOT expose the device to moisture.

Wiring diagram

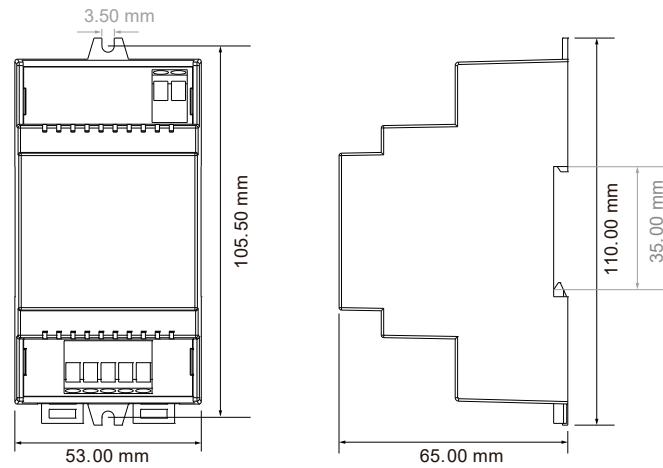


- **Note:**
- Typical application: Dali commands from any control are transmitted in all DALI-lines, on the output of a DALI Repeater with integrated PS no DALI PS is needed.
- Further DALI devices may be connected to the DALI control unit, e.g. DALI ECG or further repeaters. For maximum number of DALI devices please refer to the instructions of the control unit.

(← Note)

- Maximum wire length at the output of the DALI Repeater is 300 m (in total over both outputs).
- Both outputs of the DALI Repeater PS are electrically interconnected. To simplify the connection the layout is done by pairs.
- Outputs of different DALI Repeater PS may not be interconnected with each other.
- In total over both outputs a maximum number of 64 DALI ECG or DALI REPEATER PS may be connected.

Product Dimension



Package

