

LED DALI Signal Repeater PS - User Manual



Item no.: LC-004-701

1. Product Description

The DALI Signal Repeater PS is a device to enhance the maximum DALI cable length from 300m up to 600m. Either radially arranged network layout or cascaded system mounting operated with single master. The maximum amount of DALI-devices in the total network is limited to 64, the devices can be divided on the subcircuits at will. The module is powered by 230VAC.

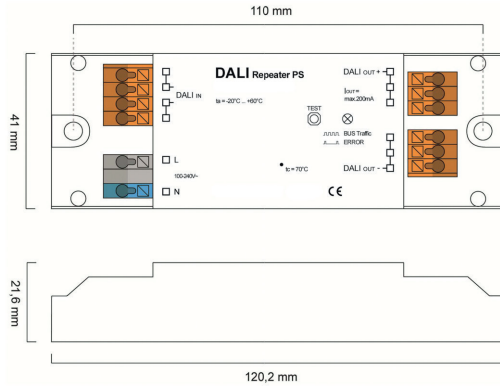
2. Specification

power supply	via DALI- Bus / 100V-240VAC
typ. current consumption (main control/sub control circuit)	2mA
DALI IN / Input	DALI / 2mA
DALI OUT / Output	DALI / upto 200mA
mounting	remote ceiling
max. wire cross-section	2,5 mm ²
dimensions (L x W x H) in mm	120 x 41 x 22 mm
weight	78g

3. Description

1. Device to enhance the maximum DALI cable length from 300m up to 600m
2. Enhancement and Transmission of the DALI-signals (bidirectional).
3. Galvanic separation between DALI-circuits
4. Either radially arranged network layout or cascaded system mounting operated with single master.
5. restricted cascading (Series wiring) of multiple repeaters in multi-master operating mode
6. The maximum amount of DALI-devices in the total network is limited to 64, the devices can be divided on the subcircuits at will.

4. Dimensions



5. Wiring Diagram

Connection

The signal repeater PS is powered by 230VAC and does not require a separate DALI bus power supply. In the DALI circuit, no DALI Power Supply (DALI PS) must be provided on the secondary side for the supply of the DALI modules, since these are supplied by DALI Signal Repeater PS up to a max. 200mA are supplied.

