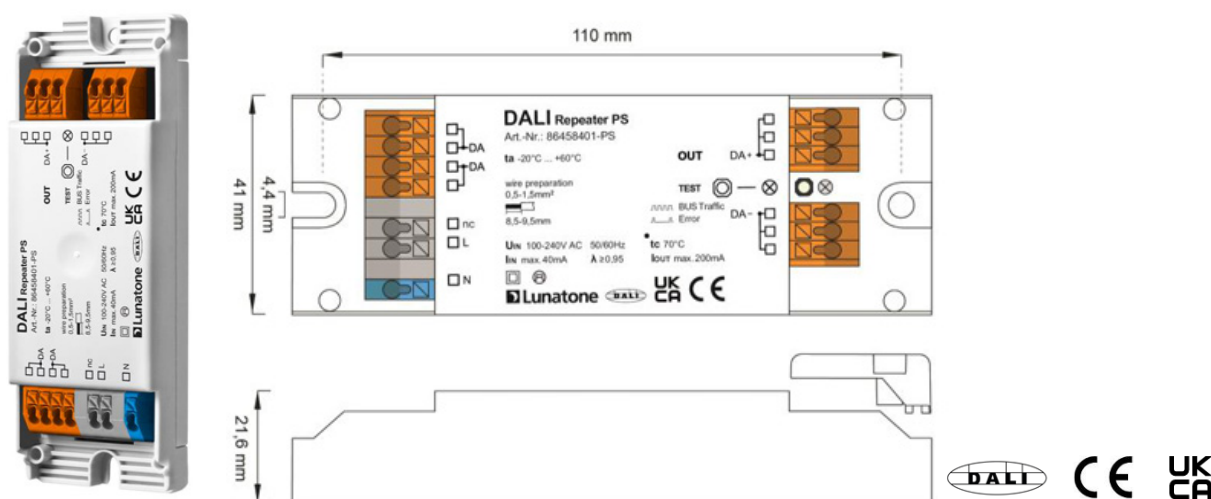


164 19 63 99 05 - Dali repeater

Product Features

- 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.
- Cascading (Series wiring) of up to 3 repeaters
- The maximum amount of DALI-devices in the total network is limited to 64, the devices can be divided on the subcircuits freely.
- For each subordinate DALI circuit, a separate bus power supply is needed. (DALI PS)
- Type with integrated power supply available
- Repeater PS: Test button for simple function check of all DALI bus ballasts.
- Repeater PS: Module for DIN rail mounting and for remote ceiling installation available

1. Dimension



1. Technical data

Input	
Input type	Supply, mains-voltage
Marking terminals	L/N
Input voltage range	120VAC 240VAC +/-15%
max. input supply current	40mA (@120VAC), 20mA (@240VAC)
Input supply frequency	50Hz/60Hz
max. power consumption	5,3W
Startup time	250ms

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Input: DA, DA	
Input type	DALI control input
Marking terminals	DA, DA
input voltage range	9,5V 22,5V
Current consumption DALI	2mA

Output: DA, DA	
Output type	DALI/DALI supply
Marking terminals	DA+, DA-
input voltage range	12VDC 20,5VDC
Guaranteed DALI supply current	200mA
Open circuit proof	yes
Short circuit proof	yes

Insulation data	
Impuls voltage category	II
pollution degree	2
rated insulation voltage	250V
Isulation DALI-output (DA+, DA-)/supply(L,N) DALI-input/DALI output(DA+,DA-) DALI-input/supply (L,N)	reinforced isolation
insulation test voltage DALI-output/ mains	3000VAC

Environmental conditions	
Storing and transportation temperature	-20°C.....+75°C
Operational ambient temperature	-20°C.....+60°C
Rel. humidity, none condensing	15%....90%

General data	
Dimensions (l x w x h)	120mm x 41mm x 22mm
Mounting	remote ceiling integration in class II devices
rated max. temperature tc	70°C
expected life time @tc	50.000h
protection class	II in intended use
protection degree housing	IP40
protection degree terminals	IP20

Standards	
DALI	EN 62386-101
EMC	EN 61547 EN 50015/ IEC CISPR15
safety	EN 61347-2-11 EN 61347-1
markings	CE

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