DH

DALI AC Switch

- Two DALI address, two channel output.
- DALI-2 certified, in accordance with DALI standard protocol IEC 62386-101, 102, 208 and in compliance with DALI products from other international incorporation.
- DALI address can be manually assigned and shown in digital display or automatically assigned by DALI master.
- The switching thresholds of the relay can be set on the DALI bus.
- Zero cross switching function.
- To switch LED lamps, traditional incandescent and halogen lights.

DALI2   CE   RoHS   emc   LVD
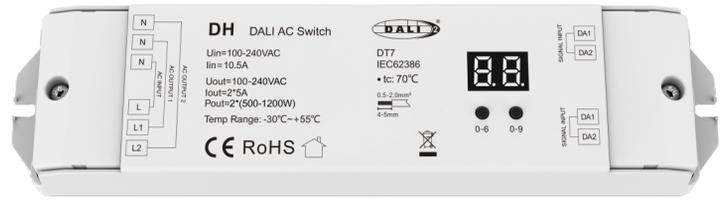
Technical Parameters

Input and Output		Environment		Package	
Input voltage	AC100-240V	Operation temperature	Ta: -30°C ~ +55°C	Size	L190x W48 x H25mm
Output voltage	AC100-240V	Case temperature (Max.)	Tc: +70 °C	Gross weight	0.140kg
Output current	2CH, 5A Max	IP rating	IP20	Warranty	
Output power	2x(500-1200)W			Warranty	5 years

Mechanical Structures and Installations

AC N
AC N
AC N
AC L Input
AC L Output 1
AC L Output 2

Setting key   Digital display

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

187.00 mm
46.00 mm
22.00 mm
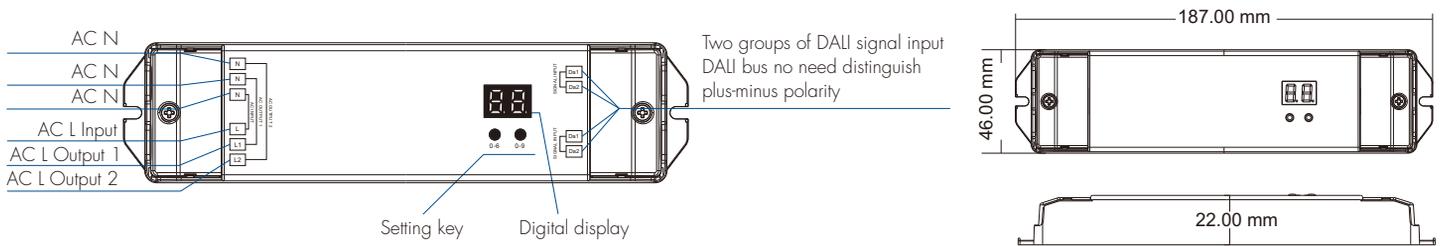
Wiring Diagram

⚠ **Caution:** Please carefully ensure all wire connections and polarities are correct and secure before applying power, otherwise this controller will be damaged.
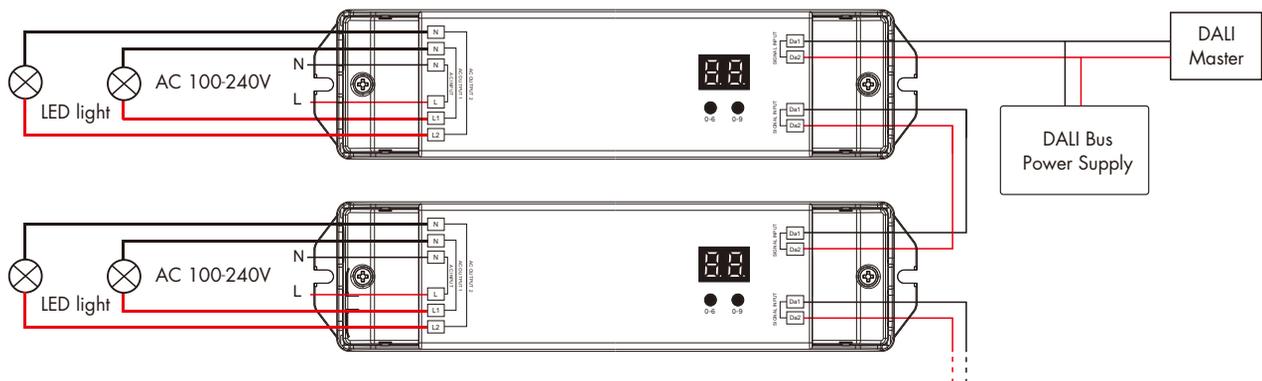
Note:

If output connect with capacitive or inductive load, the maximum output current only up to 5A.

If output connect with resistive load, the maximum output current may up to 8A.

Operation

Relay switch setting

- Long press two buttons at the same time for 2s, Toggle Relay Switch: On("On") and Off("OF").
- Enter the default setting to on("On"), then short press the left setting button to turn on("On"), short press the right setting button to turn off("OF").
- Long press any of the two buttons for 2s or timeout 10s, quit Relay switch setting.

Set DALI address via buttons

- Long press any of the two buttons for 2s, prepare for set the start DALI address, digital display start flashes.
- Short press left button to set "tens" position and right button to set "units" position.
- The address can be set from 00~62-FF. no DALI address is assigned for the dimmer, digital display shows "FF".
- Address assignments are sequential. If the set address value is 01, the CH1 address value is 01, and the CH2 address value is 02,
  The display shows the CH1 address value.
- Long press any of the two buttons for 2s or timeout 10s, quit start DALI address setting, digital display stop flashes.

DALI address assigned by DALI masters

DALI address can also be assigned by DALI Master controller automatically.
Please refer to user manuals of compatible DALI Masters for specific operations.
The digital display will show "AU" When the DALI master is assigning address.
After address is assigned, the digital display will show the start DALI address"xx", xx is from 00 to 63.

Safety & Warnings

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