



Features:

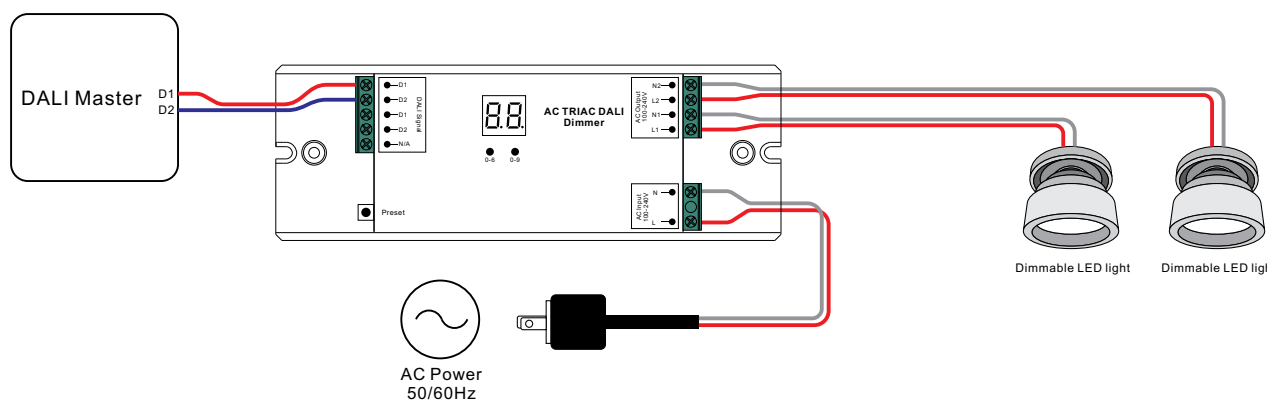
- DALI-2
- 100~240VAC Input and 100~240VAC Output
- 2 Channels, maximum 1.2A per channel
- Trailing edge dimmer (reverse-phase control)
- IP20 : Ingress Protection rating
- 2 year warranty



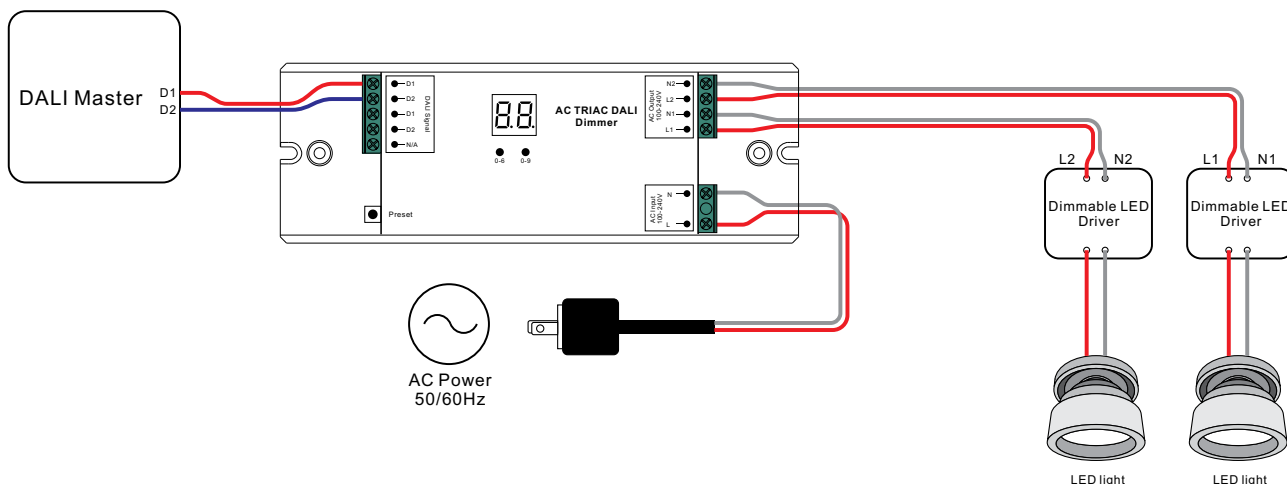
Model		SR-2303AC
Product Data	Input Voltage	100-240VAC
	Output Voltage	2x(100-240)VAC
	Max. Current Load	2x1.2A
	Output Power	2x(120-288)W
	Size	170*59*29mm (L*W*H)
Safety & Warnings	<ul style="list-style-type: none"> • DO NOT install with power applied to the device • DO NOT expose the device to moisture 	
Notes	<ul style="list-style-type: none"> • Safe and reliable full isolation design • Trailing edge (Reverse-phase) control dimmer • DALI signal input • Great compatibility with a variety of DALI master controllers • 2 channels AC 100-240V output • Innovative minimum brightness setting function • To dim and switch single colour dimmable LED lamps, traditional incandescent and halogen lights • Waterproof grade: IP20 	

Wiring Diagram

1. With DALI bus



2. With Dimmable LED Driver



Operation



1. Set DALI Address Manually Via Buttons

1.1. Press and hold down any of the two buttons until numeric digital display flashes, then release the buttons.
1.2. Click any of the two buttons once to select a digit, click again to change the digit until the desired DALI address appears. Click first button to set “tens” position and second button to set “units” position. The address can be set from 00~63.

1.3. Then press and hold down any of the 2 buttons until the numeric digital display stops flashing to confirm the setting.

Note: DALI address can be manually assigned from 00-63-FF, by factory defaults, no DALI address is assigned for the driver, and the display shows **FF** Setting DALI address as **FF** will reset the dimmer to factory defaults.

2. 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.

Note: The digital display will show AU when the DALI master is assigning addresses.

3. Set DALI Address Quantity.



1 2

3.1. Press and hold down both of the two buttons until numeric digital display flashes, then release the button.

3.2. Click first button to select “1A” or “2A” which means 1 address or 2 addresses.

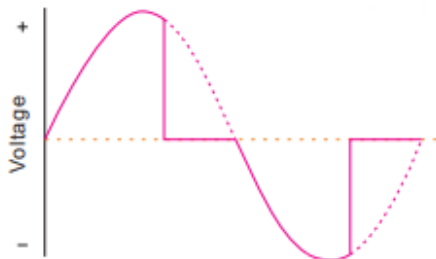
3.3. Then press and hold down any of the 2 buttons until the numeric digital display stops flashing to confirm the setting.

For example, when we set address to 22:

When select 1A, both two channels will be the same address 22.

When select 2A, channel 1 will be address 22, channel 2 will be address 23.
Note: The channels with the same address will be controlled simultaneously, the channels with different addresses will be controlled separately.

4. Reverse-phase control (trailing edge)



5. Set the minimum dimming brightness point.

The factory dimming range is 1%~100%, but the 1% can be re-set as below:

Operate the DALI master to dim the load of L1 to a brightness you want, then press and hold down the Min. set button until the light flashes, which means the minimum point is set at this brightness now. You can not dim lower than this brightness point. The minimum point will be covered by repeating doing that.

How to reset it to factory defaults: dim up the Load of L1 to 100% , then press and hold Min. set button until the the load of L1 flashes.

Note:

- 1) The dimming range of this dimmer is 1%-100%, but some load types may flicker when dimmed to 1%, thus a minimum brightness shall be set higher than 1% to avoid flickering during dimming process.
- 2) Whatever the DALI address quantity is set as: 1A, 2A, 3A, 4A, the minimum brightness shall be set or reset only by adjusting Load L1 output brightness and pressing Min. set button. Once the minimum brightness is set, all 4 channels load can not be dimmed below this value.