SLC S32087 DALI8 Driver CV TW 4x24V 100W
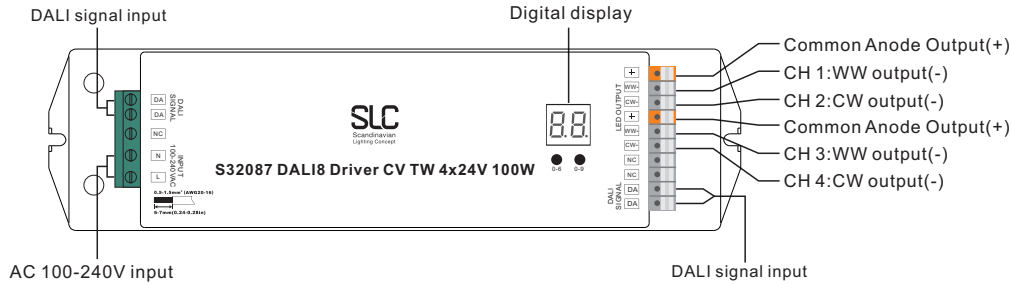
Important: Read All Instructions Prior to Installation

Function introduction

DALI signal input
Digital display
AC 100-240V input
DALI signal input

Common Anode Output(+)
CH 1:WW output(-)
CH 2:CW output(-)
Common Anode Output(+)
CH 3:WW output(-)
CH 4:CW output(-)

Product Data

Output	LED Channel	4
	DC Voltage	24V DC
	Max. Current	Max. 4.1A/ch, ch1+ch2+ch3+ch4=4.1A
	Voltage Tolerance	±1%
	Rated Power	max. 100W
Input	Voltage Range	100-240V AC
	Frequency Range	50/60Hz
	Power Factor (Typ.)	> 0.90 @ 230VAC
	Total Harmonic Distortion	THD ≤ 15% (@ full load / 230VAC)
	Efficiency (Typ.)	90% @ 230VAC full load
	AC Current (Typ.)	1.2A @ 100VAC, 0.5A @ 230VAC
	Inrush Current (Typ.)	COLD START Max. 50A @ 230VAC
	Leakage Current	< 0.5mA /230VAC
Control	Dimming Interface	DALI DT8
	Dimming Range	0%-100%
	Dimming Method	Pulse Width Modulation
	Dimming Curve	Logarithmic
Protection	Short Circuit	Yes, recovers automatically after fault condition is removed
	Over Current	Yes, recovers automatically after fault condition is removed
	Over Temperature	Yes, recovers automatically after fault condition is removed

Environment	Working Temp.	-20℃ ~ +45℃
	Max. Case Temp.	75℃
	Working Humidity	10% ~ 95% RH non-condensing
	Storage Temp. & Humidity	-40℃ ~ +80℃, 10% ~ 95% RH
Safety & EMC	Safety Standards	TUV EN61347-1, EN61347-2-13 approved
	Withstand Voltage	I/P-O/P: 3.75KVAC
	Isolation Resistance	I/P-O/P: 100M Ohms / 500VDC / 25℃ / 70% RH
	EMC Emission	EN55015, EN61000-3-2, EN61000-3-3
	EMC Immunity	EN61547, EN61000-4-2,3,4,5,6,8,11, , surge immunity Line-Line 1KV
Others	MTBF	193.6K hrs min. @ 230VAC full load and 25℃ ambient temperature
	Dimension	244*64*32mm (L*W*H)

- Dimmable LED driver
- 100-240VAC wide input voltage
- Max. output power 100W total
- 4 channels DC 24V constant voltage output
- Class Ⅱ power supply, full isolated plastic case
- High power factor and efficiency
- Built-in DALI interface, DALI DT8 device, each device is controlled via a single DALI address
- Color control according to DALI specifications of device type 8, color type Tc
- Compatible with universal DALI masters that support DT8 commands
- IP20 rating
- Suitable for indoor LED lighting applications
- 5 years warranty

Safety & Warnings

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

Operation

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 button.
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 dimmer, and the display shows *FF*. Setting DALI address as *FF* will reset the dimmer to factory defaults.

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.**

_FF_ **Mode: to set the driver to** _FF_ **mode, please set the DALI address above 63 or below 00, which will enable the display to show** _FF_, **then press and hold down any of the two buttons until display stops flashing to confirm the setting.**
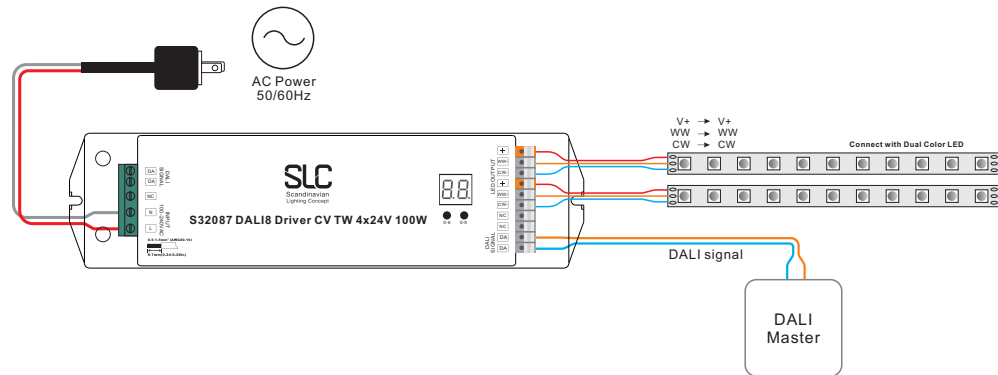
3. DALI Address Assigned by DALI Masters

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.**

4.Once an address is selected, all four channels' address will be the same. For example, if the dimmer is addressed to 22 on the display then Ch1, Ch2, Ch3 and Ch4 will be the same address 22.

Wiring diagram

Product Dimension