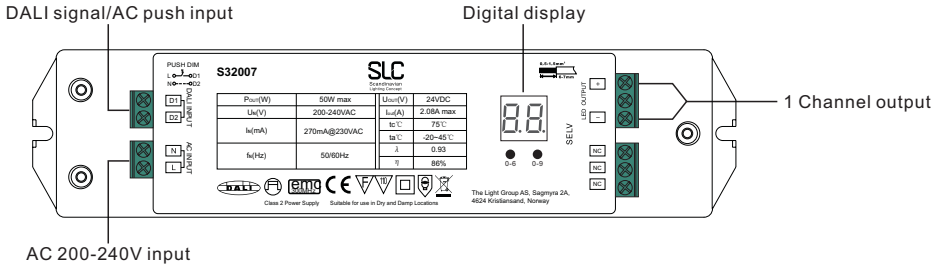
SLC Power CV 24V 50W DALI

S32007

Important: *Read All Instructions Prior to Installation*

Function introduction



Product Data

Output	DC Voltage	24V DC
	Max. Current	2.08A max.
	Rated Power	max. 50W
Input	Voltage Range	200-240V AC
	Frequency	50/60Hz
	Power Factor (Typ.)	>0.9
	Efficiency (Typ.)	88% @ 230VAC
	Input Current (Typ.)	0.27A @ 230VAC
	Input Current (Typ.)	COLD START Max. 2A at 230VAC
Protection	Short Circuit	Yes, auto recovery after fault removed
	Over Current	Yes, auto recovery after fault removed
	Over Temperature	Yes, auto recovery after fault removed
Environment	Working Temp.	-20℃ ~ +45℃
	Max. Case Temp.	85℃
	Working Humidity	10% ~ 95% RH non-condensing
	Storage Temp. & Humidity	-40℃ ~ +80℃, 10% ~ 95% RH
Safety&EMC	Safety Standards	ENEC EN61347-1, EN61347-2-13 approved
	Withstand Voltage	I/P-O/P: 3.75KVAC
	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	Dimension	210*50*32mm (L*W*H)

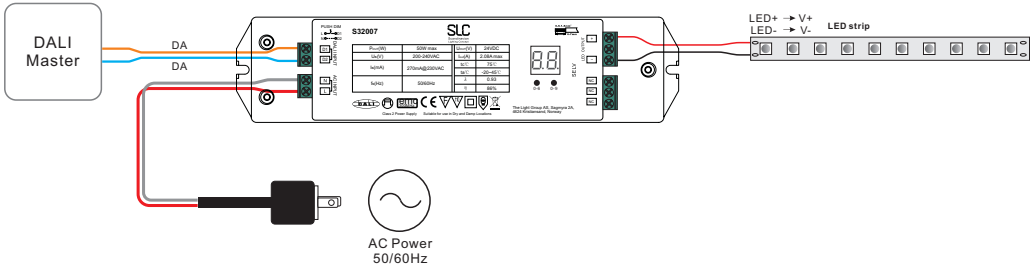
- Dimmable LED driver
- Max. output power 50W
- 1 channel DC 24V constant voltage output
- Class Ⅱ power supply, full isolated plastic case
- High power factor and efficiency
- To switch and dim single color LED lighting
- Built-in DALI/PUSH dimming interface
- Compatible with universal DALI masters that support DT6 commands
- Error report function
- IP20 rating
- Suitable for indoor LED lighting applications
- 5 years warranty

Safety & Warnings

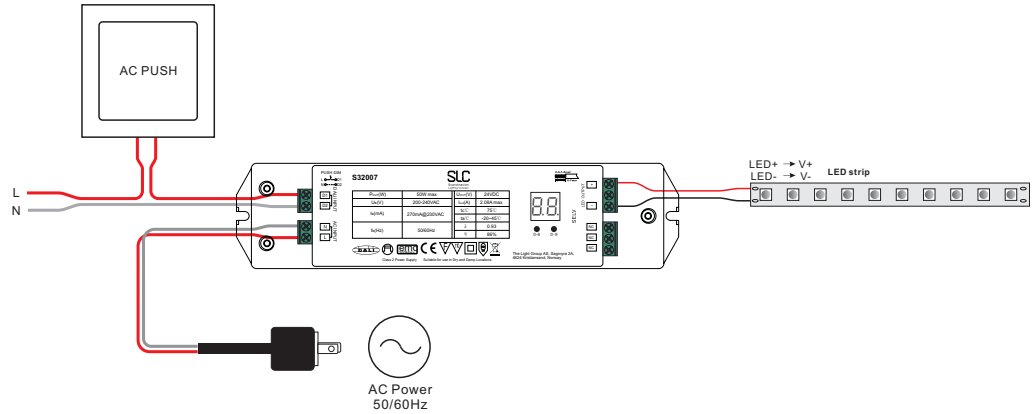
- DO NOT install with power applied to device.
- DO NOT expose the device to moisture.

Wiring Diagram

1.With DALI bus



2.With PUSH dimmer



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 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.

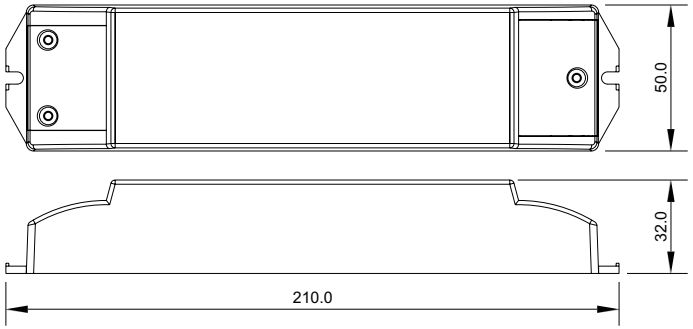
Note: DALI address can be manually assigned from 00-63-FF, by factory defaults, no DALI address is assigned for the driver, and the display shows FF . Setting DALI address as FF will reset the dimmer to factory defaults.
FF Mode: to set the driver to FF mode, please set the DALI address above 63 or below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

2. DALI Address Assigned by DALI Masters

2.1 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. PUSH Dimmer Mode

While connected with a AC PUSH, the digital display will show “PD” which means Push Dimmer Mode, operations under Push Dimmer Mode are as follows:
3.1. Click the button to switch ON/OFF
3.2. Press and hold down the button to increase or decrease light intensity to desired level and release it, then repeat the operation to adjust light intensity to opposite direction. The dimming range is from 1% to 100%.
3.3. Memory function after power off or power failure enables the device to memorize the status before power off while power on again.

Product Dimension