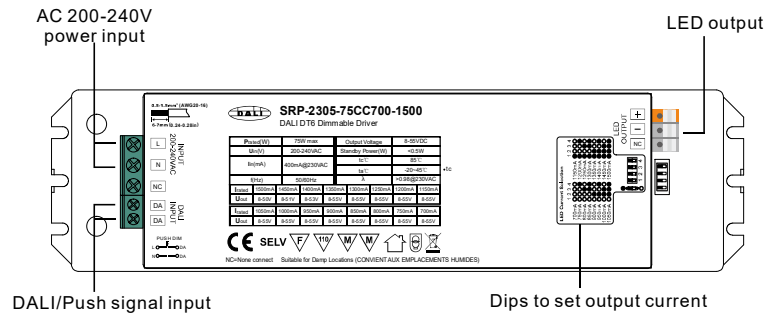


75W DALI DT6 LED Driver (Constant Current)



Important: Read All Instructions Prior to Installation

Function introduction



Product Data

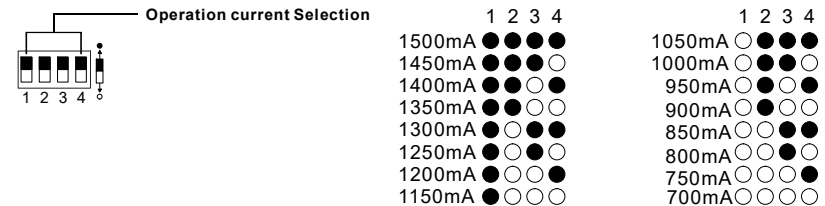
LED Channel		1							
Output	Selectable Current	1500mA	1450mA	1400mA	1350mA	1300mA	1250mA	1200mA	1150mA
	DC Voltage Range	8-50V	8-51V	8-53V	8-55V	8-55V	8-55V	8-55V	8-55V
Output	Selectable Current	1050mA	1000mA	950mA	900mA	850mA	800mA	750mA	700mA
	DC Voltage Range	8-55V	8-55V	8-55V	8-55V	8-55V	8-55V	8-55V	8-55V
Current Tolerance		±25mA							
Rated Power		Max. 75W							
Input	Voltage Range	200-240V AC							
	Frequency Range	50/60Hz							
	Power Factor (Typ.)	> 0.98							
	Total Harmonic Distortion	THD ≤ 7% (@ full load / 230VAC)							
	Efficiency (Typ.)	> 87% @ 230VAC full load							
	AC Current (Typ.)	0.39A @ 230VAC							
	Inrush Current (Typ.)	COLD START Max. 8A at 230VAC							
	Leakage Current	< 0.5mA / 230VAC							
	Standby Power Consumption	< 0.5W							

Control	Dimming Interface	DALI Device Type 6 (DALI consumption<2mA) / PUSH
	Dimming Range	0.1%-100%
	Dimming Method	Hybrid (PWM+PFM) dimming
	Dimming Curve	Linear/Logarithmic
Protection	Short Circuit	Yes, recovers automatically after fault condition is removed
	Over Voltage	Yes, recovers automatically after fault condition is removed
	Over Temperature	Yes, recovers automatically after fault condition is removed
Environment	Working Temp.	-25°C ~ +45°C
	Max. Case Temp.	85°C (Ta = "45°C")
	Working Humidity	10% ~ 95% RH non-condensing
	Storage Temp. & Humidity	-40°C ~ +80°C, 10% ~ 95% RH
Safety & EMC	Safety Standards	EN61347-1, EN61347-2-13
	Withstand Voltage	I/P-O/P: 3.75KVAC
	Isolation Resistance	I/P-O/P: 100M Ohms / 500VDC / 25°C / 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	193800H, MIL-HDBK-217F min. @ 230VAC at full load and 25°C ambient temperature
	Dimension	244x64x32mm (L*W*H)

Output Current

Select the correct output current before wiring to LED light by DIP Switches. Please make sure the power to the driver is disconnected before selection of the output current.

Dips to set output current



- DALI DT6 Dimmable LED driver
- In compliance with IEC 62386-101:2014, IEC 62386-102:2014, IEC 62386-207 Ed2
- Built-in DALI-2 interface, DALI DT6 device
- 1 channel constant current output, total output power up to 75W
- Output current level selectable from 700mA to 1500mA by DIP switches

- Class II power supply, full isolated plastic case
- High power factor and efficiency
- DALI DT6 device to control on/off, light intensity output via a single DALI address
- Compatible with universal DALI masters that support DT6 commands
- IP20 rating, suitable for indoor LED lighting application
- 5 years warranty

Safety & Warnings

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

Operation

1. DALI Address Assigned by DALI Masters

1.1 DALI address can also be assigned by DALI Master controller automatically, please refer to user manuals of compatible DALI Masters for specific operations.

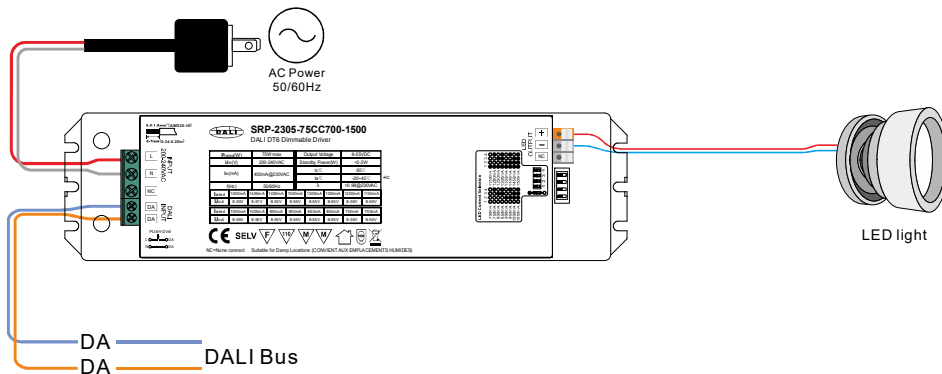
2. Push Dimmer Mode

While connected with a AC PUSH, it means Push Dimmer Mode, and operations under Push Dimmer Mode are as follows:

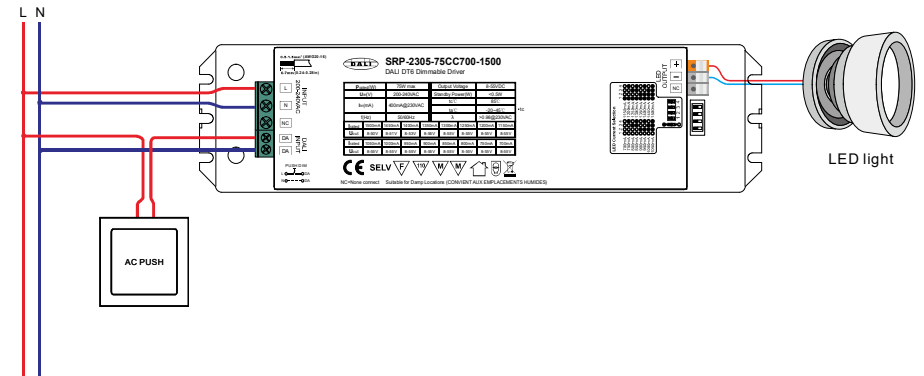
- 1.1. Click the button to switch ON/OFF
- 1.2. Press and hold down the button to increase or decrease light intensity to desired level and release it, then repeat the operation to adjust light intensity to opposite direction. The dimming range is from 0.1% to 100%.
- 1.3. Memory function after power off or power failure enables the device to memorize the status before power off while power on again.

Wiring diagram

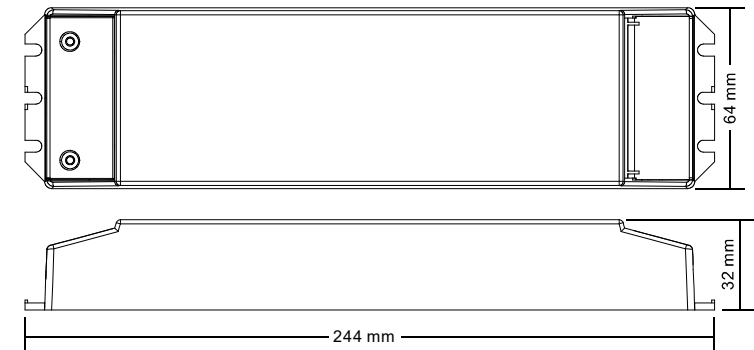
1. With DALI Bus



2. With PUSH dimmer



Product Dimension



Installation



Note: when mounting the driver, please choose any one of the three fixing screw holes to fix with a screw at each end.