

DALI-2 [100-277Vac]

Round Shape Constant Voltage LED Driver

DALI-2 | Push Dimming for Choice



SMT-R*-DP2-P Series (DALI-2 | NFC | Full Color Dimming)



DiiA member
DALI-2 Certificate



0.1 - 100%
Full dimming range

DT6

1 CH
Dimming

DALI BUS

Built-in
DALI BUS POWER



Flicker-free
Smooth dimming

PF≥0.98

High
Power factor

AUX

24V/0.125A
Built-in Auxiliary power

4K Hz

Frequency
Customizable
244Hz - 20KHz

DT6 / DT8

Switch
Between
DT6 / DT8

VAC

Adjustable
Output voltage



Setting
address



Dimming
curve

NFC Programming

Perfect dimming performance for LED fixtures



Wash wall lamp



LED Neon light



LED strip light



Track light



Linear lamp



LED Modules

Wiring diagram

Diagram 1 DALI Dim

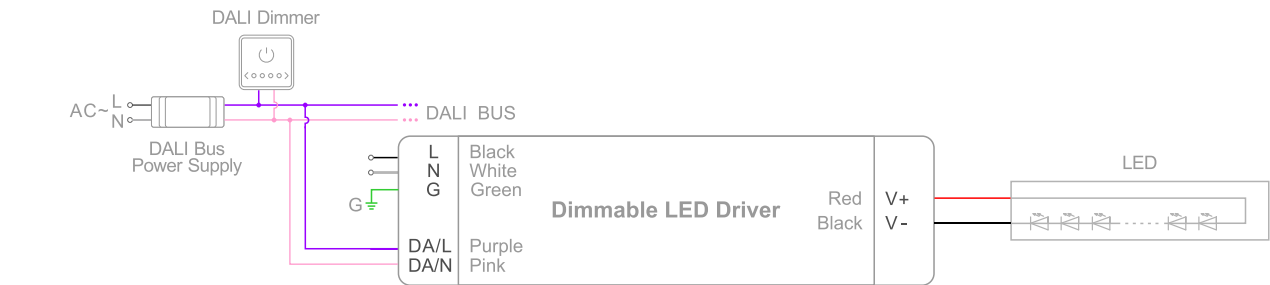


Diagram 2 Push-Dim

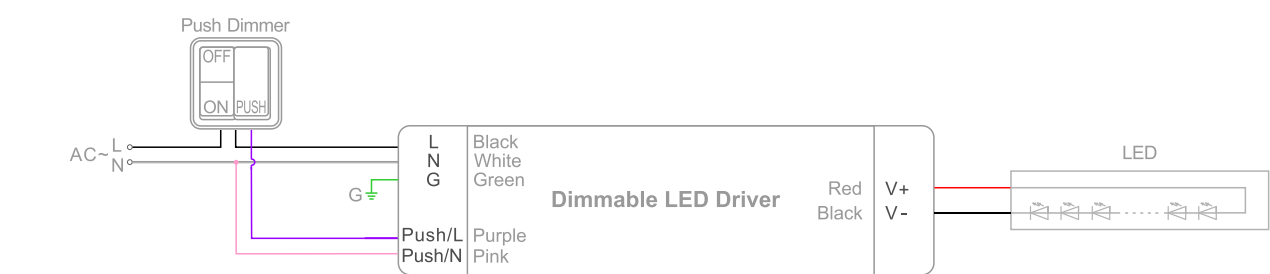


Diagram 3 DALI System

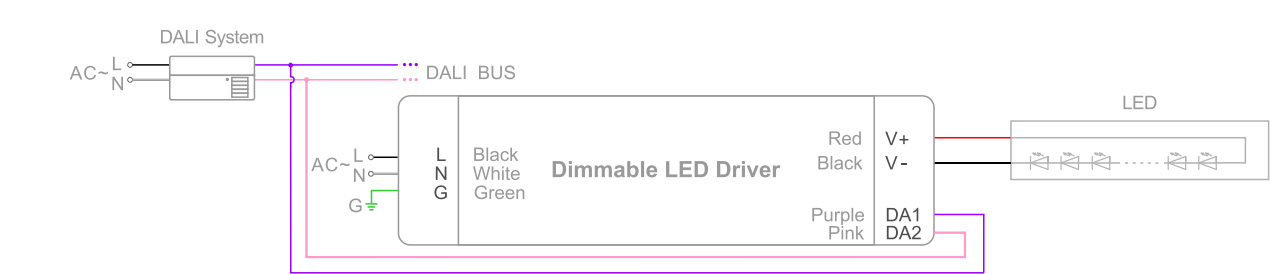
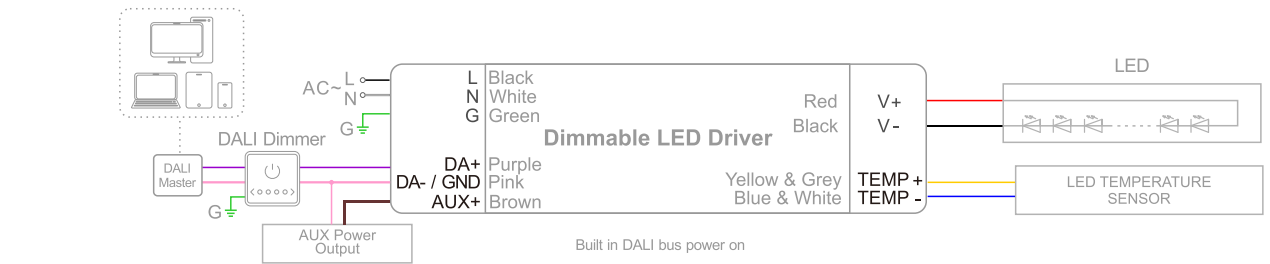


Diagram 4 DALI Master



DALI-2 Dimming Series (100-277VAC)

Round Shape Dimmable Constant Voltage LED Driver

DALI-2 | Push Dimming for choice

 Dimming

• The **SMT-R*-DP2-P** series is Input 100-277VAC with DALI-2 certificate Dimmable Driver

- 4KHz Flicker-free, smooth dimming
 - High power factor≥0.95
 - Dimming depth 0.1%

• Short-circuit, over-temperature, over-load protection.

- ProNFC APP & NFC Handheld device function:
 - Setting address
 - Adjust output voltage slightly
 - Switch channel



ProNFC App



NFC Handheld device

ProNFC APP Download



For iPhone users



For Android users

NFC Voltage Level Regulation

10W - 40W drivers with slightly adjustable output voltage as below:

12V output voltage: 12-13.5V 24V output voltage: 24-26V 36V output voltage: 36-38V 48V output voltage: 48-50V

Voltage	Lv.1	Lv.2	Lv.3	Lv.4	Lv.5	Lv.6	Lv.7	Lv.8	Lv.9	Lv.10
12V	12V	12.2V	12.3V	12.5V	12.6V	12.8V	13V	13.1V	13.3V	13.5V
24V	24V	24.2V	24.4V	24.7V	24.9V	25.1V	25.3V	25.6V	25.8V	26.0V
36V	36V	36.2V	36.4V	36.7V	36.9V	37.1V	37.3V	37.6V	37.8V	38.0V
48V	48V	48.2V	48.4V	48.7V	48.9V	49.1V	49.3V	49.6V	49.8V	50.0V



DiiA member
DALI-2 Certificate



0.1 - 100%
Full dimming range



Flicker-free
Smooth dimming

PF≥0.95
High
Power factor

DT6 / DT8
Switch
Between
DT6 / DT8

VAC
Adjustable
Output voltage

 Setting
address

 NFC Programming

NFC Slightly adjustable output voltage as below

	12V	24V	36V	48V
10W-40W	12-13.5V	24-26V	36-38V	48-50V

SMT-R12010-DP2-P

1 2 3 4 5

- 1 R : Round Shape LED Driver
- 2 Outout Voltage : 12V / 24V / 36V / 48V
- 3 Power : 10W / 15W / 20W / 25W / 30W / 40W
- 4 DP2 : DALI-2 Dimming
- 5 P : Circular Plastic Driver



Circular plastic driver
10W-40W
For dry and damp location

Power	Picture	Output	Model	Channels	Location	Others standard
10W	 54*48.2*24mm	12V, 0.83A	SMT-R12010-DP2-P	1CH	Dry Damp	Class 2 Class P
		24V, 0.42A	SMT-R24010-DP2-P			
		36V, 0.28A	SMT-R36010-DP2-P			
		48V, 0.21A	SMT-R48010-DP2-P			
15W	 54*48.2*24mm	12V, 1.25A	SMT-R12015-DP2-P	1CH	Dry Damp	Class 2 Class P
		24V, 0.63A	SMT-R24015-DP2-P			
		36V, 0.42A	SMT-R36015-DP2-P			
		48V, 0.31A	SMT-R48015-DP2-P			
20W	 69.4*62.9*24mm	12V, 1.67A	SMT-R12020-DP2-P	1CH	Dry Damp	Class 2 Class P
		24V, 0.83A	SMT-R24020-DP2-P			
		36V, 0.56A	SMT-R36020-DP2-P			
		48V, 0.42A	SMT-R48020-DP2-P			
25W	 69.4*62.9*24mm	12V, 2.08A	SMT-R12025-DP2-P	1CH	Dry Damp	Class 2 Class P
		24V, 1.04A	SMT-R24025-DP2-P			
		36V, 0.69A	SMT-R36025-DP2-P			
		48V, 0.52A	SMT-R48025-DP2-P			
30W	 74.4*66.4*24mm	12V, 2.5A	SMT-R12030-DP2-P	1CH	Dry Damp	Class 2 Class P
		24V, 1.25A	SMT-R24030-DP2-P			
		36V, 0.83A	SMT-R36030-DP2-P			
		48V, 0.63A	SMT-R48030-DP2-P			
40W	 74.4*66.4*24mm	12V, 3.33A	SMT-R12040-DP2-P	1CH	Dry Damp	Class 2 Class P
		24V, 1.67A	SMT-R24040-DP2-P			
		36V, 1.11A	SMT-R36040-DP2-P			
		48V, 0.83A	SMT-R48040-DP2-P			