

# Din Rail

## Dimmable Constant Voltage LED Driver

TRIAC / Phase / ELV / MLV | 0-10V | 5 in 1 | Non-Dimming



### SMT-DR\* Series ( Non-Dimming )

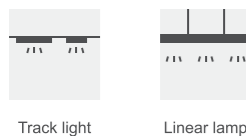
### SMT-TDR\* Series ( Triac Dimming )

### SMT-DDR\* Series ( 0-10V Dimming )

### SMT-TDDR\* Series ( Triac & 0-10V 5 in 1 Dimming )



Perfect for LED fixtures



# Din Rail

## Constant Voltage LED Driver

TRIAC / Phase / ELV / MLV | 0-10V | 5 in 1 | Non-Dimming



### SMT-012-060TDDR

1 2 3 4

- 1 Output Voltage: 12V / 24V / 48V
- 2 Power: 60W / 96W / 100W /  
T: Triac Dimming  
D: 0-10V Dimming  
TD: Triac & 0-10V (5 in 1) Dimming  
Blank: Non-Dimming
- 3
- 4 Din Rail Power Supply

1 CH  
Dimming

0 - 100%  
Full dimming range

PF ≥ 0.95  
High  
Power factor

V+ADJ  
- - +  
Note: 60W/96W/100W with slightly adjustable output voltage as below:  
12V output voltage: 10-13V 24V output voltage: 21.5-25.5V  
36V output voltage: 36-38V 48V output voltage: 48-50V

### SMT-TDR\* - Triac Dimming

Picture	Power	Model	Output	Input	Size	N.W.	Location	Others standard
	30W	SMT-012-060TDR	12V, 5A	100-277VAC	40*90*102mm	0.3kg	Dry Damp	Class 2 Class P
		SMT-024-060TDR	24V, 2.5A					
		SMT-048-060TDR	48V, 1.25A					
	96W	SMT-024-096TDR	24V, 4A	100-277VAC	55*90*102mm	0.4kg	Dry Damp	Class 2 Class P
		SMT-048-096TDR	48V, 2A					
	100W	SMT-012-100TDR	12V, 8.34A	100-277VAC	55*90*102mm	0.4kg	Dry Damp	Class 2 Class P
		SMT-024-100TDR	24V, 4.17A					
		SMT-048-100TDR	48V, 2.08A					

### SMT-DDR\* - 0-10V Dimming

Picture	Power	Model	Output	Input	Size	N.W.	Location	Others standard
	30W	SMT-012-060DDR	12V, 5A	100-277VAC	40*90*102mm	0.3kg	Dry Damp	Class 2 Class P
		SMT-024-060DDR	24V, 2.5A					
		SMT-048-060DDR	48V, 1.25A					
	96W	SMT-024-096DDR	24V, 4A	100-277VAC	55*90*102mm	0.4kg	Dry Damp	Class 2 Class P
		SMT-048-096DDR	48V, 2A					
	100W	SMT-012-100DDR	12V, 8.34A	100-277VAC	55*90*102mm	0.4kg	Dry Damp	Class 2 Class P
		SMT-024-100DDR	24V, 4.17A					
		SMT-048-100DDR	48V, 2.08A					

### SMT-TDDR\* - Triac & 0-10V ( 5 in 1 ) Dimming

Picture	Power	Model	Output	Input	Size	N.W.	Location	Others standard
	30W	SMT-012-060TDDR	12V, 5A	100-277VAC	40*90*102mm	0.3kg	Dry Damp	Class 2 Class P
		SMT-024-060TDDR	24V, 2.5A					
		SMT-048-060TDDR	48V, 1.25A					
	96W	SMT-024-096TDDR	24V, 4A	100-277VAC	55*90*102mm	0.4kg	Dry Damp	Class 2 Class P
		SMT-048-096TDDR	48V, 2A					
	100W	SMT-012-100TDDR	12V, 8.34A	100-277VAC	55*90*102mm	0.4kg	Dry Damp	Class 2 Class P
		SMT-024-100TDDR	24V, 4.17A					
		SMT-048-100TDDR	48V, 2.08A					

### SMT-DR\* - Non-Dimming

Picture	Power	Model	Output	Input	Size	N.W.	Location	Others standard
	30W	SMT-012-060DR	12V, 5A	100-277VAC	40*90*102mm	0.3kg	Dry Damp	Class 2 Class P
		SMT-024-060DR	24V, 2.5A					
		SMT-048-060DR	48V, 1.25A					
	96W	SMT-024-096DR	24V, 4A	100-277VAC	55*90*102mm	0.4kg	Dry Damp	Class 2 Class P
		SMT-048-096DR	48V, 2A					
	100W	SMT-012-100DR	12V, 8.34A	100-277VAC	55*90*102mm	0.4kg	Dry Damp	Class 2 Class P
		SMT-024-100DR	24V, 4.17A					
		SMT-048-100DR	48V, 2.08A					

# 347VAC

## Dimmable Constant Voltage LED Driver for Canada

0-10V | DALI-2 | DMX512 Dimming | Non-Dimming



**SMT-CA-VD Series** (0-10V Dimming)

**SMT-CA-D4i Series** (DALI-2 D4i Dimming)

**SMT-CA-DP2 Series** (DALI-2 & Push Dimming)

**SMT-CA-DMX Series** (DMX512 Dimming)

**SMT-CA-VW Series** (Non-Dimming)



1-3 CH  
Dimming | CCT | RGB



0.1 - 100%  
Full dimming range



Dimming Output  
Multi-way mode switching



Class 2 Output  
Multi-way mode switching



93% High Efficiency



3W  
24V/0.125A  
Built-in Auxiliary power



Flicker-free  
Smooth dimming



NFC function  
Setting address  
Adjust output voltage slightly  
Output frequency for choice  
Dimming curve for choice  
Adjust output power ratio for each channel  
Multiple output mode for choice

Perfect for LED fixtures



High Voltage LED strip light



Wash wall lamp



LED Neon light



LED strip light



Track light



Linear lamp

### Wiring diagram

Diagram 1 0-10V Dim

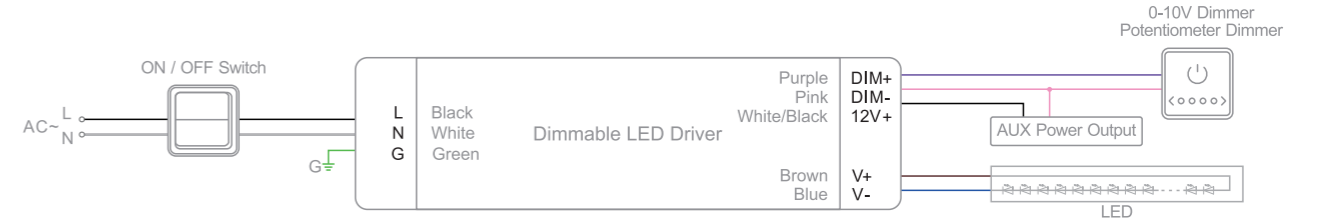


Diagram 2 DALI System

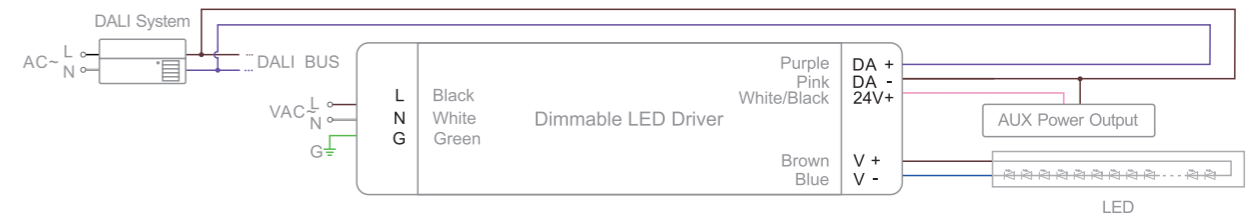


Diagram 3 DMX Controller

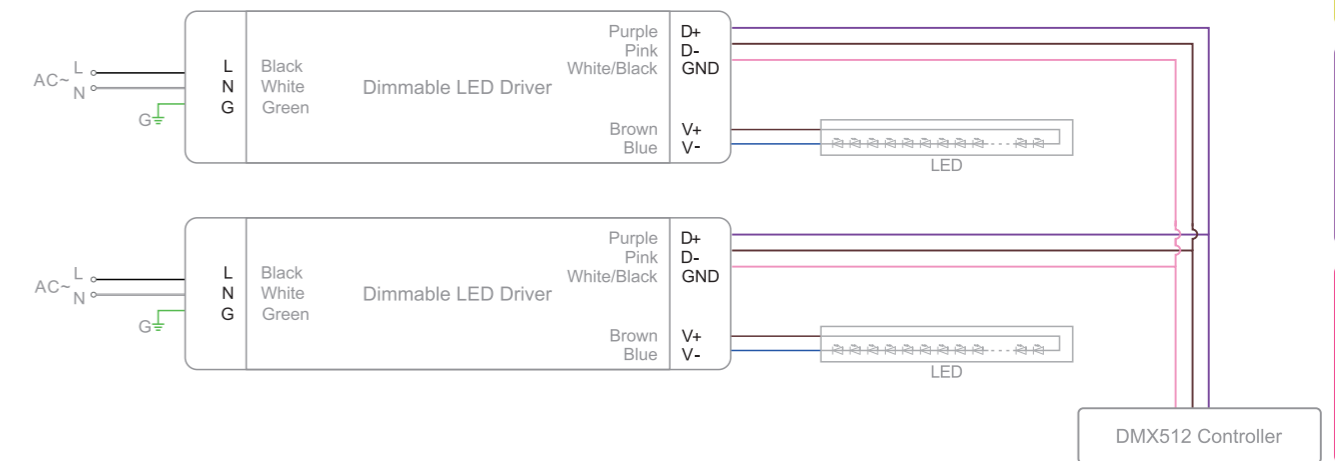
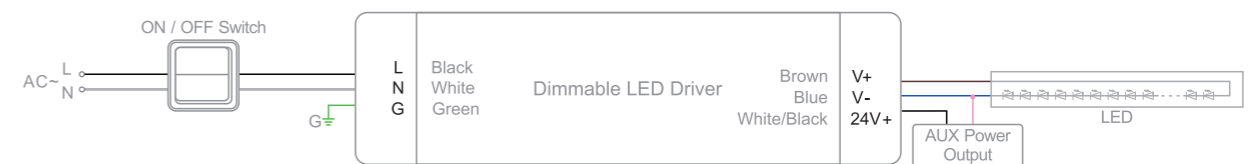


Diagram 4 ON / OFF



0-10V

DALI-2

DMX512

Non-Dimming

# 347VAC Series

## 200- 347VAC Constant Voltage Dimmable LED Driver

0-10V | DALI-2 | DMX512 Dimming | Non-Dimming for Choice



**Dimming**  
Output  
Multi-way mode switching

**3W**  
24V/0.125A  
Built-in Auxiliary power

**Class 2**  
Output  
Multi-way mode switching

**NFC function**  
Setting address  
Adjust output voltage slightly  
Output frequency for choice  
Dimming curve for choice  
Adjust output power ratio for each channel  
Multiple output mode for choice

Address Setting: DALI System / RDM / NFC

### 347VAC - dimmable driver for Canada

0-10V Dimming	D4i Dimming	DALI-2 Dimming	DMX512 Dimming	Non-Dimming
SMT-CA-VD * series	SMT-CA-D4i * series	SMT-CA-DP2 * series	SMT-CA-DMX * series	SMT-CA* series

- Dimming depth 0.1%
- No load requirement
- 24V/0.125A Built-in Auxiliary power
- ProNFC APP & Handheld device function:
  1. Setting address
  2. Adjust output voltage slightly
  3. Output frequency for choice
  4. Dimming curve for choice
  5. Multiple output mode for choice
    - Dimming mode: Dimming / CCT / RGB
    - Class 2 Multiple output mode



### NFC Voltage Level Regulation

60W-200W 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	12.16V	12.32V	12.48V	12.64V	12.8V	12.96V	13.12V	13.28V	13.5V
24V	24V	24.22V	24.44V	24.66V	24.88V	25.1V	25.32V	25.54V	25.66V	26.0V
36V	36V	36.22V	36.44V	36.66V	36.88V	37.1V	37.32V	37.54V	37.66V	38.0V
48V	48V	48.22V	48.44V	48.66V	48.88V	49.1V	49.32V	49.54V	49.66V	50.0V

300W drivers with slightly adjustable output voltage as below:  
 12V output voltage: 12-13V    24V output voltage: 24-25.5V    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	12.4V	12.5V	12.6V	12.7V	12.8V	12.9V	13V
24V	24V	24.3V	24.45V	24.6V	24.75V	24.9V	25.05V	25.2V	25.35V	25.5V
36V	36V	36.22V	36.44V	36.66V	36.88V	37.1V	37.32V	37.54V	37.66V	38.0V
48V	48V	48.22V	48.44V	48.66V	48.88V	49.1V	49.32V	49.54V	49.66V	50.0V

**SMT-CA12100-1G-DMXA-a**

1 2 3 4 5 6 7

- 1 200-347VAC LED Driver
- 2 Output Voltage: 12V / 24V / 36V / 48V
- 3 Power: 100W / 192W / 200W / 288W / 300W
- 4 1G: Dimming  
2G: 2-way Class 2 output mode / CCT mode  
3G: 3-way Class 2 output mode / RGB mode
- 5 VW: Non-Dimming  
VD: 0-10V Dimming  
D4i: DALI 2 D4i  
DP2: DALI 2 & Push  
DMX: DMX512 Dimming
- 6 A: Aluminum driver  
J: Built-in Junction box driver
- 7 a=Blank: no AUX. Power, no Temp. Control  
a=Y: Built-in Auxiliary power  
a=T: Temperature control  
a=YT: With auxiliary power supply&temperature control



### 200- 347VAC Class 2 Constant Voltage Dimmable LED Driver

Power	Picture	Output	200- 347VAC Constant Voltage Dimmable LED Driver					Channels
			0-10V SMT-CA-VD* Series	D4i SMT-CA-D4i* Series	DALI-2 SMT-CA-DP2* Series	DMX512 SMT-CA-DMX* Series	Non-Dimming SMT-CA-VWX* Series	
100W		12V, 8.33A	SMT-CA12100-1G-VDA-a	SMT-CA12100-1G-D4iA-a	SMT-CA12100-1G-DP2A-a	SMT-CA12100-1G-DMXA-a	SMT-CA12100-1G-VWA-a	1CH
		24V, 4.17A	SMT-CA24100-1G-VDA-a	SMT-CA24100-1G-D4iA-a	SMT-CA24100-1G-DP2A-a	SMT-CA24100-1G-DMXA-a	SMT-CA24100-1G-VWA-a	
100W		36V, 2.78A	SMT-CA36100-1G-VDA-a	SMT-CA36100-1G-D4iA-a	SMT-CA36100-1G-DP2A-a	SMT-CA36100-1G-DMXA-a	SMT-CA36100-1G-VWA-a	1CH
		48V, 2.08A	SMT-CA48100-1G-VDA-a	SMT-CA48100-1G-D4iA-a	SMT-CA48100-1G-DP2A-a	SMT-CA48100-1G-DMXA-a	SMT-CA48100-1G-VWA-a	
200W		12V, 16.67A	SMT-CA12200-2G-VDA-a	SMT-CA12200-2G-D4iA-a	SMT-CA12200-2G-DP2A-a	SMT-CA12200-2G-DMXA-a	SMT-CA12200-2G-VWA-a	2CH
		24V, 8.33A	SMT-CA24200-2G-VDA-a	SMT-CA24200-2G-D4iA-a	SMT-CA24200-2G-DP2A-a	SMT-CA24200-2G-DMXA-a	SMT-CA24200-2G-VWA-a	
200W		36V, 5.56A	SMT-CA36200-2G-VDA-a	SMT-CA36200-2G-D4iA-a	SMT-CA36200-2G-DP2A-a	SMT-CA36200-2G-DMXA-a	SMT-CA36200-2G-VWA-a	2CH
		48V, 4.16A	SMT-CA48200-2G-VDA-a	SMT-CA48200-2G-D4iA-a	SMT-CA48200-2G-DP2A-a	SMT-CA48200-2G-DMXA-a	SMT-CA48200-2G-VWA-a	
300W		12V, 25A	SMT-CA12300-3G-VDA-a	SMT-CA12300-3G-D4iA-a	SMT-CA12300-3G-DP2A-a	SMT-CA12300-3G-DMXA-a	SMT-CA12300-3G-VWA-a	3CH
		24V, 12.5A	SMT-CA24300-3G-VDA-a	SMT-CA24300-3G-D4iA-a	SMT-CA24300-3G-DP2A-a	SMT-CA24300-3G-DMXA-a	SMT-CA24300-3G-VWA-a	
300W		36V, 8.33A	SMT-CA36300-3G-VDA-a	SMT-CA36300-3G-D4iA-a	SMT-CA36300-3G-DP2A-a	SMT-CA36300-3G-DMXA-a	SMT-CA36300-3G-VWA-a	3CH
		48V, 6.25A	SMT-CA48300-3G-VDA-a	SMT-CA48300-3G-D4iA-a	SMT-CA48300-3G-DP2A-a	SMT-CA48300-3G-DMXA-a	SMT-CA48300-3G-VWA-a	
192W 96W*2		24V, 2*4A	SMT-CA24192-2G-VDA-a	SMT-CA24192-2G-D4iA-a	SMT-CA24192-2G-DP2A-a	SMT-CA24192-2G-DMXA-a	SMT-CA24192-2G-VWA-a	2CH
		36V, 2*2.67A	SMT-CA36192-2G-VDA-a	SMT-CA36192-2G-D4iA-a	SMT-CA36192-2G-DP2A-a	SMT-CA36192-2G-DMXA-a	SMT-CA36192-2G-VWA-a	
192W 96W*2		48V, 2*2A	SMT-CA48192-2G-VDA-a	SMT-CA48192-2G-D4iA-a	SMT-CA48192-2G-DP2A-a	SMT-CA48192-2G-DMXA-a	SMT-CA48192-2G-VWA-a	2CH
			<i>Switchable 2-way Class 2 output mode / CCT mode by NFC</i>					
288W 96W*3		24V, 3*4A	SMT-CA24288-3G-VDA-a	SMT-CA24288-3G-D4iA-a	SMT-CA24288-3G-DP2A-a	SMT-CA24288-3G-DMXA-a	SMT-CA24288-3G-VWA-a	3CH
		36V, 3*2.67A	SMT-CA36288-3G-VDA-a	SMT-CA36288-3G-D4iA-a	SMT-CA36288-3G-DP2A-a	SMT-CA36288-3G-DMXA-a	SMT-CA36288-3G-VWA-a	
288W 96W*3		48V, 3*2A	SMT-CA48288-3G-VDA-a	SMT-CA48288-3G-D4iA-a	SMT-CA48288-3G-DP2A-a	SMT-CA48288-3G-DMXA-a	SMT-CA48288-3G-VWA-a	3CH
			<i>Switchable 3-way Class 2 output mode / RGB mode by NFC</i>					