

Features:

- .Change DALI signal to PWM
- .Built in push dimming
- .Comply to DALI standard(IEC62386-101,102,207)
- .Linear or log curve optional
- .Dimming range 0.1-100%
- .Class II
- .Plastic case
- .IP20
- .For indoor lighting, office lighting

Model		SDA-01
Output	Output voltage range	12-24V
	Rated current	6.25A Max.
	Max output wattage	12V/36W, 24V/150W
	Output signal	PWM (1KHZ)
	Output dimming range	0.1-100%
Input	Input mode	DALI or push dimming
	Input voltage	12-24V
	Input wattage	12V/36W, 24V/150W
Protection	Over current	110-150%
Environment	Working temperature	-40~50℃
	Working humidity	15~95% RH
	Storage temperature & humidity	-40~80℃, 10~95% RH
	Temperature coefficient	±0.05%/℃(-10~45℃)
	Protection class	IP20
	Vibration	10~500Hz, 2G 10min/cycle, 30 min. Each along X、Y、Z axes
Standard	Safety standards	EN61347-1, EN61347-2-13
	DALI standards	comply to DALI standard (IEC 62386-101, 102, 207)
Other	MTBF	5 years MIL-HDBK-217F (50℃)

Dimming operation

1 Push dimming

Function	Pushing
No status changing	<0.05 sec.
Push on/off	0.1-1 sec.
Dimming up or down	1.5-10
Set 100% brightness	>11 sec.

Factory setting 100%
 Each time press dimmer will change the dimming direction

2 DALI interface

DALI agreement includes 16 groups and 64 addresses

DALI agreement can be divided into 16 scenarios

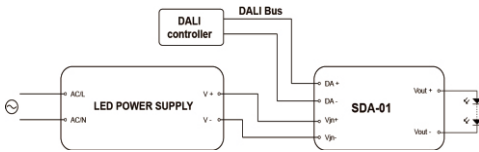
SDA-01 SERIES

Pin function description

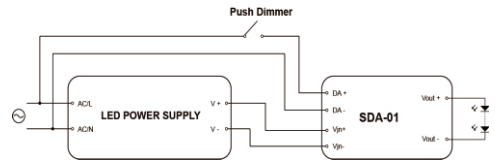
Functions	Description
DA	DA signal/ AC null line
DA	DA signal/ connect it between AC live line and switch
Vin+	Power input positive
Vin-	Power input negative
Vout+	Power output positive
Vout-	Power output negative

Dimming connection diagram

The DALI wiring diagram



The PUSH dimming wiring diagram



Please select the suitable wires to ensure maximum voltage between two products should be no higher than 2V during synchronous parallel operation

Dimensions

