



SD-DALI KAV-24250-O-P7

【250W 24V 10.4A】

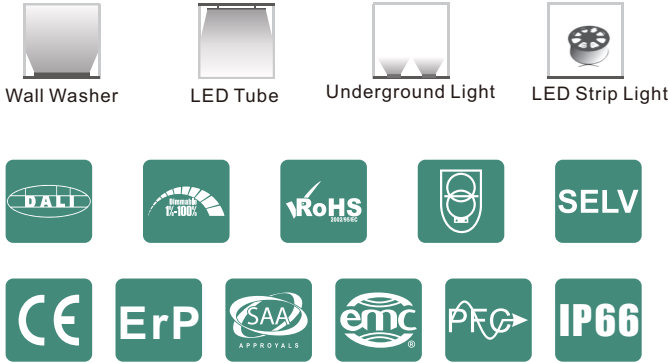
Product Overview

- SD-DALI KAV-24250-O-P7 is a dimming driver that can provide Constant voltage output.
- Complies with DALI2 standard protocol IEC 62386,DALI Digital control input, PWM Output.
- Built-in MCU,customisable logarithmic or linear dimming
- With smooth dimming curve and are flicker free.
- Isolated power supply design
- Compatible with Dali touch control(KDD-DIM-L-06)



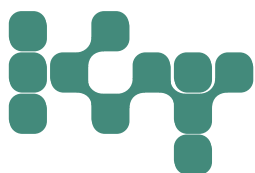
Product Feature

- Single channel 24V constant voltage two sets of output
- Input voltage range from 100VAC to 240VAC
- Waterproof level IP 66,PF factor design is 0.95, and the efficiency is up to 92%
- Strip shell design, perfectly cooperate with the use of outdoor lamp
- Protections:Short circuit,over load,over current
- Comply with DALI protocol IEC 62386:101 102 207
- The dimming effect is smooth, no flicker, no jitter
- suitable for LED CV lighting, such as LED module, LED strip light, LED tube, and so on



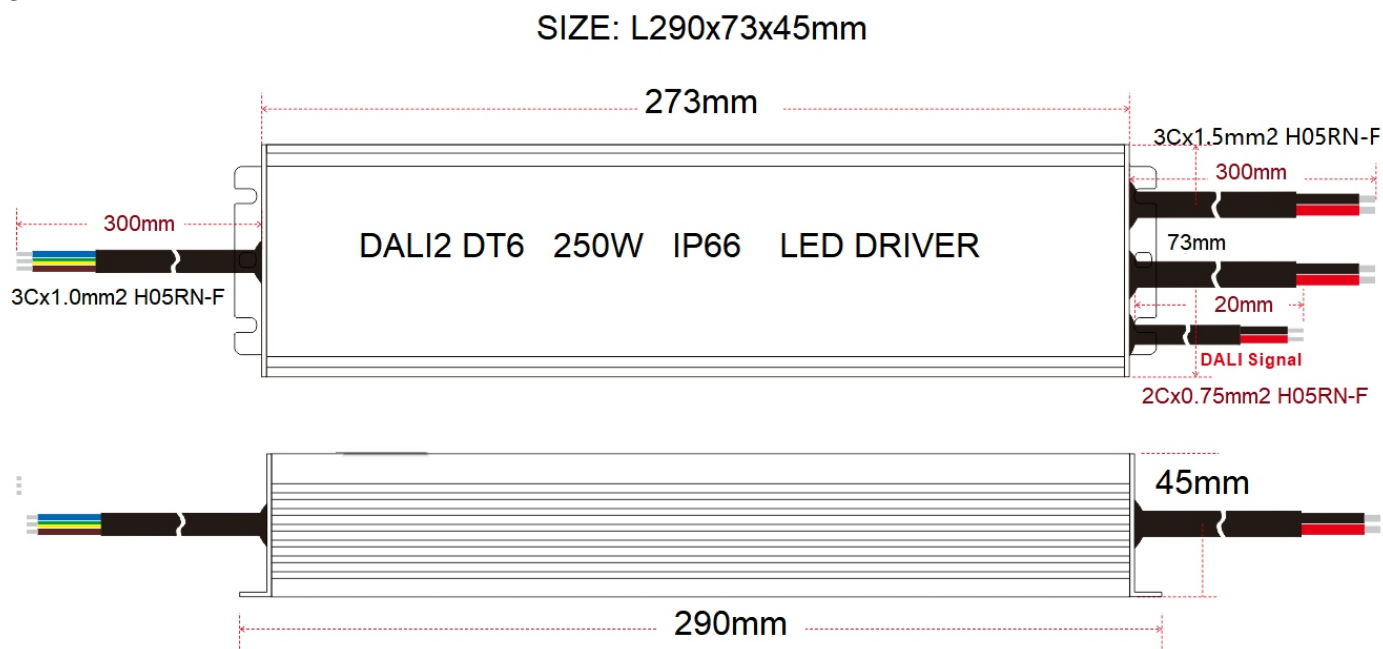
Technical Parameters

Model	SD-DALI KAV-24250-O-P7 【24V 250W 10.4A】	
Input	Efficiency	92%@230VAC,Full load
	Voltage	100VAC~240VAC
	Frequency	50~60Hz
	Power Factor	>0.95 @230VAC,Full load
	THD	<15%230AVC,Full load
	Standby power	<0.5W
	Current	1.3Amax@220VAC
	Leakage current	<3mA/240V
Output	Direct voltage	24VDC
	Rated current	0-10.4A
	Rated Power	250W
	Current Tolerance	±0.5V
	Open circuit voltage	24VDC
	Ripplt and noise(max)	<480mVP-P
	Channel	1Channel （Two output lines）
Protection	Short circuit protection	Connect wrong output positive negative pole,still can work normally
	Overload protection	When a predetermined current or voltage is exceeded,it enters a protected state
	Temperature protection	The chip itself has protection
Safety&EMC	High-voltage insulation test	I/P-O/P:3.75KVAC
	Insulation resistance	I/P-O/P:>100M Ohms/500VDC/25 /70% RH
	Safety Standards	IEC/EN61347-1,IEC/EN61347-2-13
	EMC Eission	EN IEC 55015,EN61000-3-2, IEC61000-3-3
	EMC Immunity	EN 61547
Function	Dimming range	5%-100%
	Dimming depth	5%
	DALI standard	IEC62386-101,IEC62386-102, IEC62386-207
Others	Working Temp.	-40 ~+50
	Storage Temp.; Humidity	-40 ~85 ,20-90%RH
	Temperature point-Tc	80
	Shell Material	Aluminium
	IP Rating	IP 66
	Lifetime	50,000h @ta:25
	Warranty Condition	3 years
	Switch Cycle	>15000times
	Net weight	1800g
	Dimension	290x73x45mm

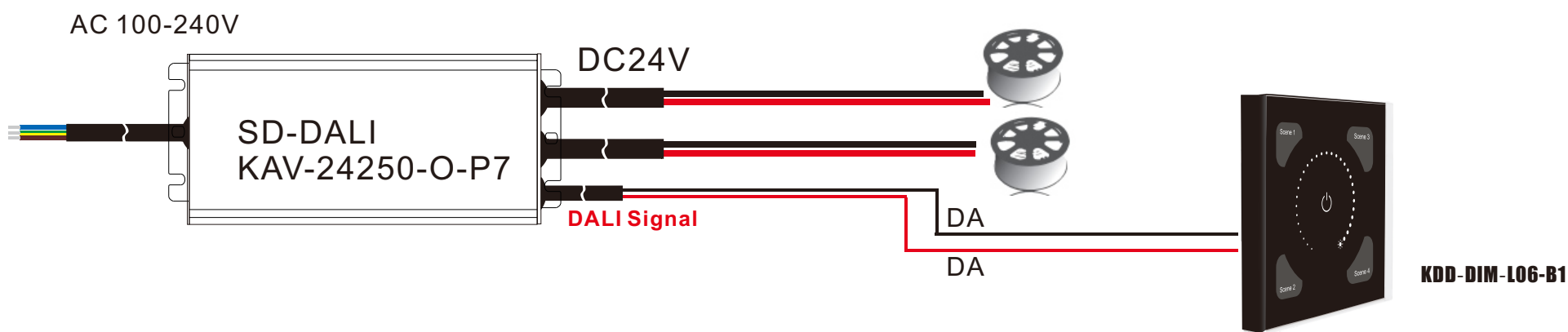


DALI DT6 constant voltage dimmable Driver

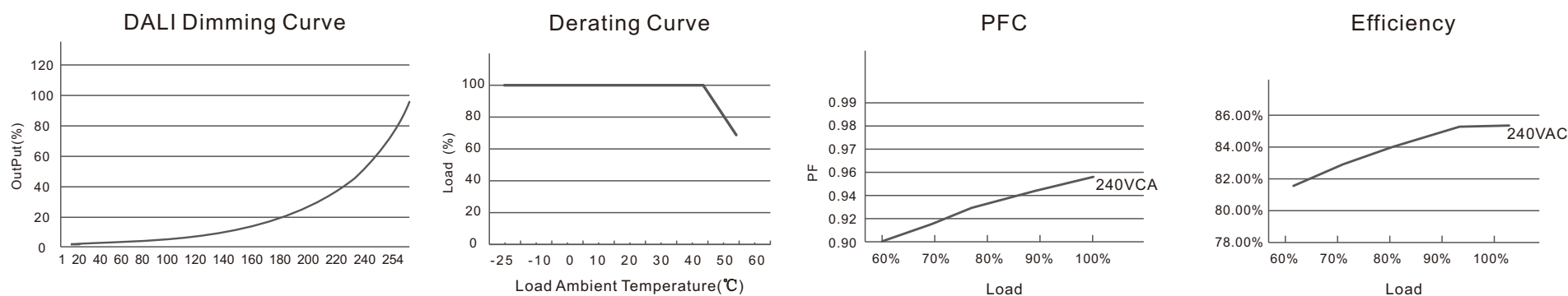
Dimensional drawing



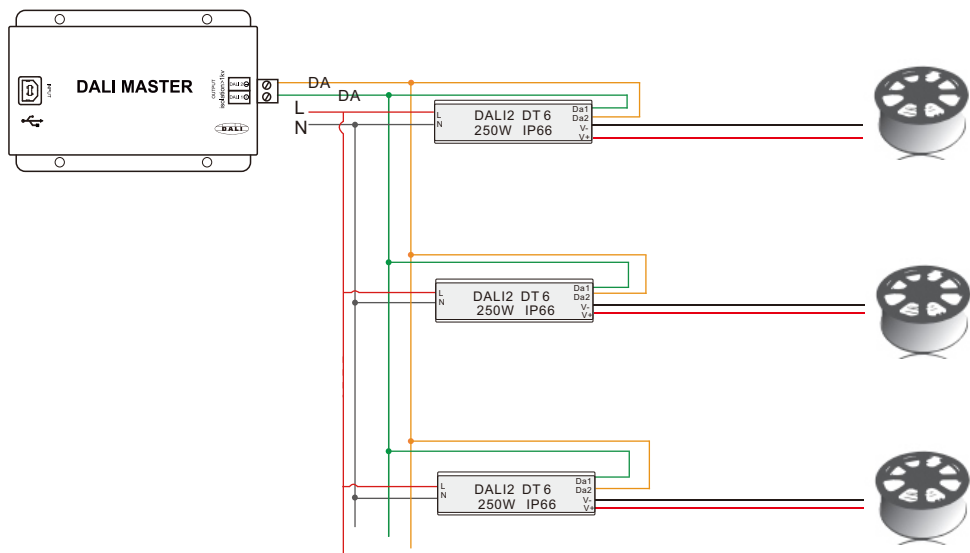
Wiring Diagram



DALI/PUSH Dimmable driver performance chart

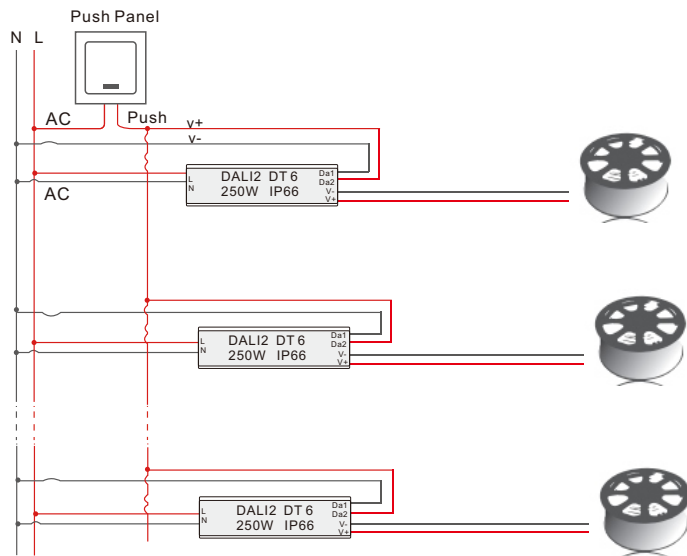


DALI uses connection diagrams



Dali Dimmable Driver has synchronization function during the dimming process

PUSH uses connection diagrams



Remark: Only use open push button without indicator light. Maximum cable length between each Unit: 20 meters.

※ The contents of this manual are updated without prior notice. If the function of the product you are using is inconsistent with the instructions, the function of the product shall prevail. Please contact us if you have any questions.