

KMD-25-2DALI-E9 DT6 220V DIP

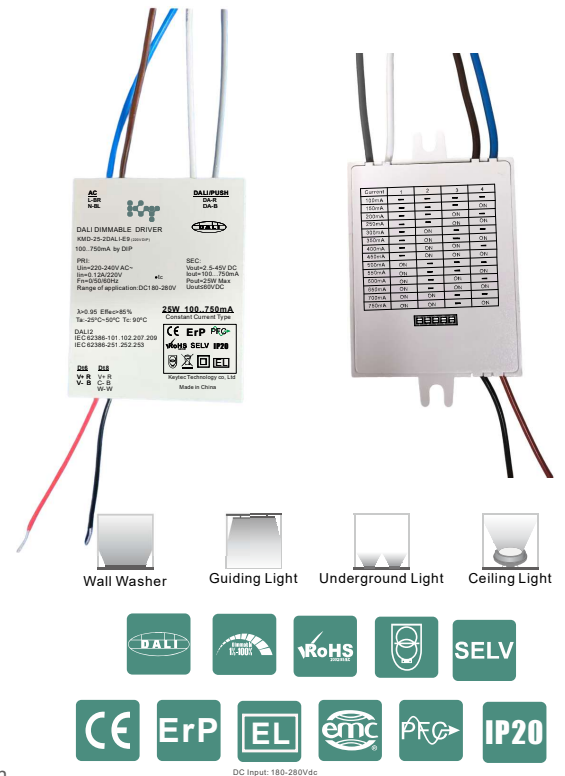
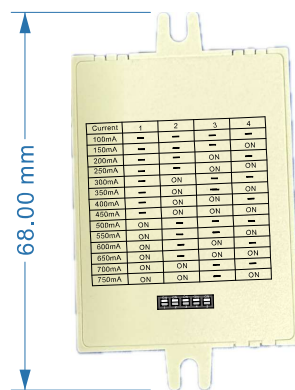
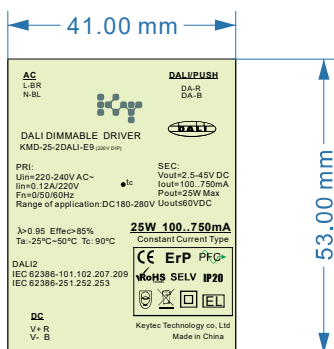
Product Overview

- KMD-25-2DALI-E9 220V DIP is a 2-in-1 product of DT6 & DT8, with a maximum power of 25W and a current range of 100... 750mA
- KMD-25-2DALI-E9 220V DIP is a constant current DALI power supply with multiple current selection capabilities.
- Complies with DALI 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

Product Feature

- Input voltage range from 220VAC to 240VAC, Compliant with the European voltage range
- Waterproof level IP 65, PF factor design > 0.95, and the efficiency is up to 83%
- Round design, Perfectly matched with downlights and spotlights applications
- Protections: Short circuit, over load, over current
- Comply with DALI protocol IEC 62386:101, 102, 207, 209, 251, 252, 253
- Compatible with PUSH function When DT6
- EL Function when DC 180-280V
- Support advanced functions such as EL emergency and CLO light attenuation compensation.
- Supports EnergyData function and reads energy reports (DALI Part 252)
- Supports the lamp data query function (DALI Part 251) and the reading of diagnostic and maintenance data (DALI Part 253).
- One power supply, can provide 14 type current options, current from 100mA to 750mA by DIP ,
- Reduce inventory categories

Dimensional drawing



Packing specification

size: 80x80x30



Each product is in an independent white box

size: 48.3x31x22.5



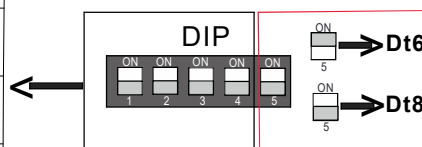
Each cardboard box contains 100 pcs
Weight per box: 13KG

Technical Parameters

Model		KMD-25-2DALI-E9 220V DIP
Input	Efficiency	83%@230VAC,Full load
	Voltage	220VAC~240VAC,180-280V DC
	Frequency	0/50/60Hz
	Power Factor	>0.95 @230VAC,Full load
	THD	<20%230AVC,Full load
	Standby power	≤ 0.5W
	Current @220VAC	0.12A Max
Output	Direct voltage	2.5VDC-45VDC
	Rated current	100-750mA by DIP, Totai 14 current options
	Rated Power	Max25W
	Current Tolerance	+/-5%
	Open circuit voltage	60VDC
	Ripplt and noise(max)	<800mVP-P
	Channel	1Channel/DT6 and 2 Channel /DT8
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
	lightning-stroke overvoltage	2KV
	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
Dimming depth		0.2%
DALI standard		IEC62386-101,IEC62386-102, IEC62386-207
Others	Working Temp.	-25℃ ~+50℃
	Storage Temp.; Humidity	-40℃ ~85℃ ,20-90%RH
	Temperature point-Tc	90℃
	Shell Material	PC
	IP Rating	IP20
	Lifetime	50,000h @ta:25℃
	Warranty Condition	5 years
	Switch Cycle	>15000times
	Net weight	130g
	Dimension	68x41X24mm
	Package Quantity	100pcs
	Package Size	48.3x31x22.5 cm
	Package Weight	13kg

Current	1	2	3	4
100mA	-	-	-	-
150mA	-	-	-	ON
200mA	-	-	ON	-
250mA	-	-	ON	ON
300mA	-	ON	-	-
350mA	-	ON	-	ON
400mA	-	ON	ON	-
450mA	-	ON	ON	ON
500mA	ON	-	-	-
550mA	ON	-	-	ON
600mA	ON	-	ON	-
650mA	ON	-	ON	ON
700mA	ON	ON	-	-
750mA	ON	ON	-	ON

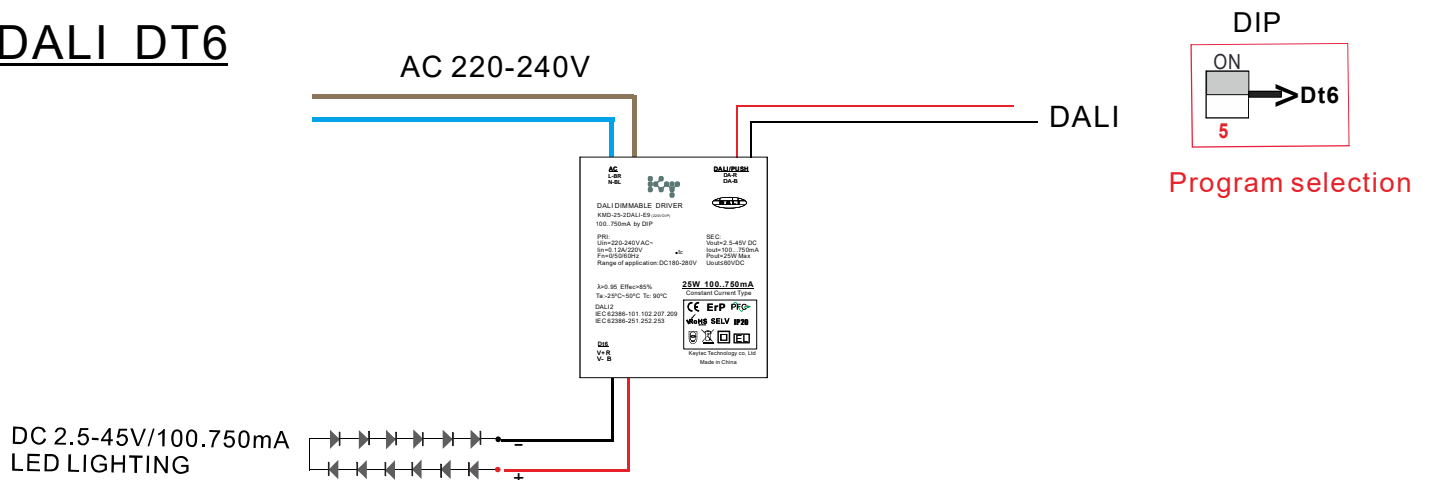
Current adjustment indication



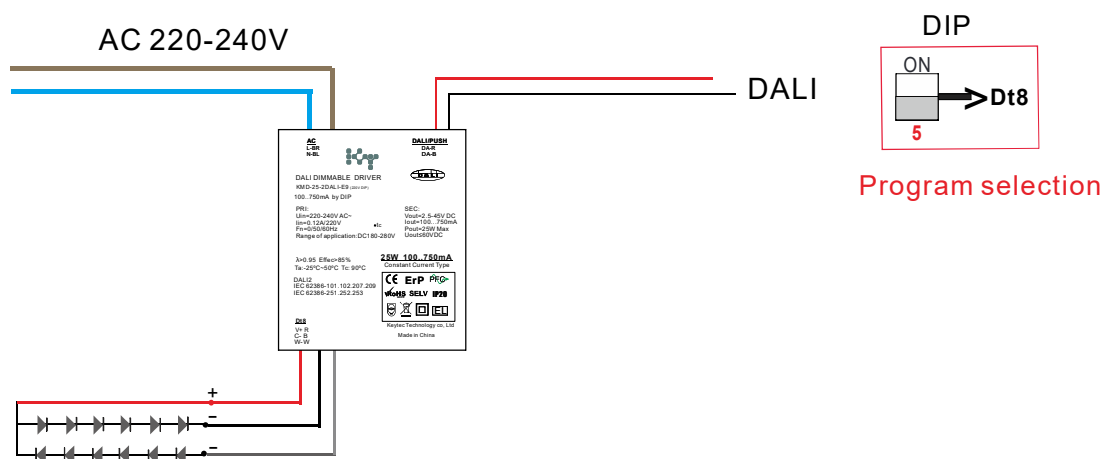
Program selection

Function Display

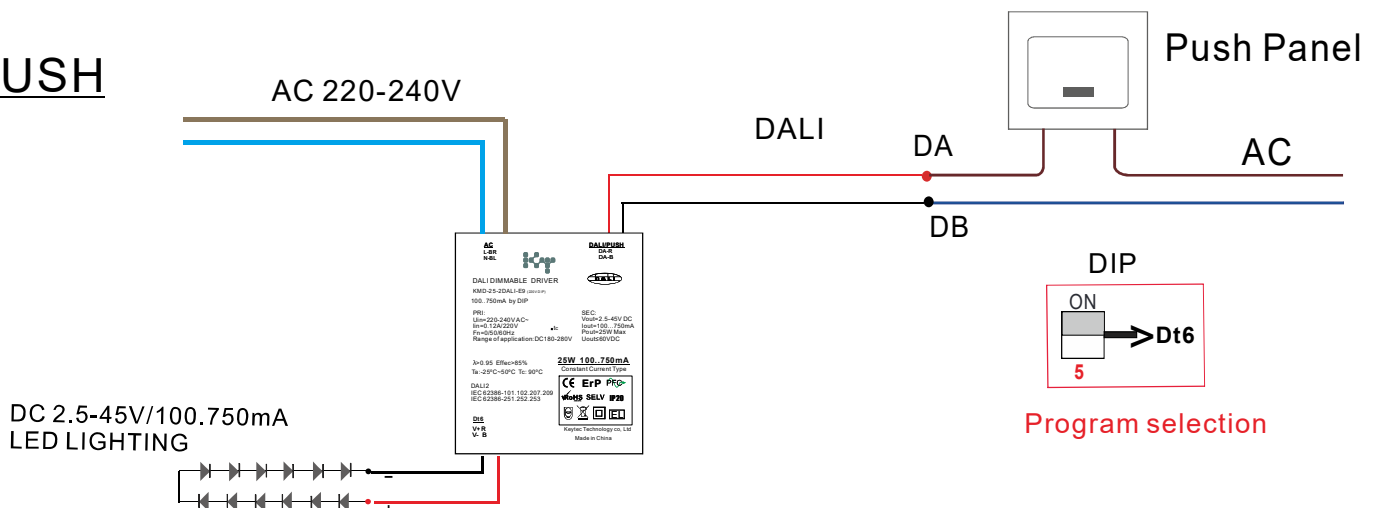
DALI DT6



DALI DT8



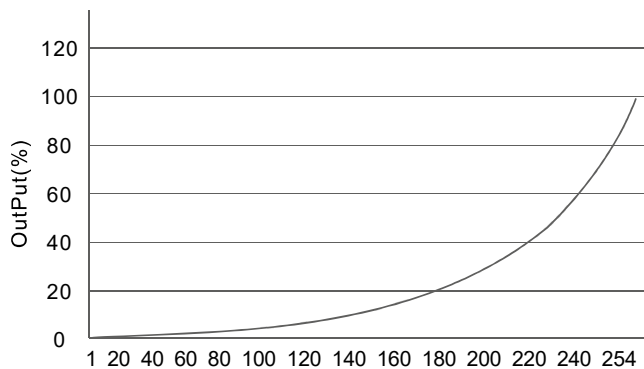
PUSH



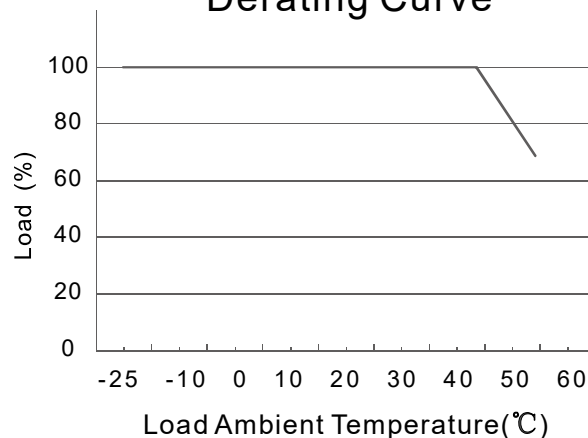
Dali Dimmable Driver has synchronization function during the dimming process

DALI/PUSH Dimmable driver performance chart

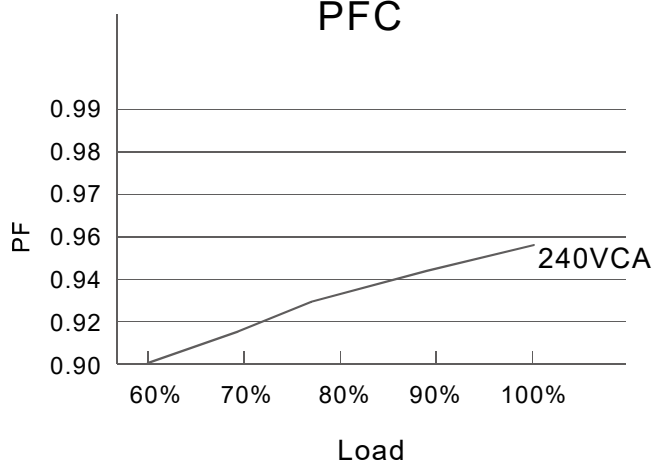
DALI Dimming Curve



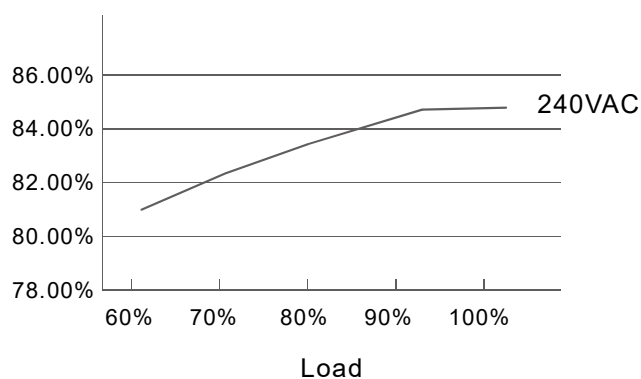
Derating Curve



PFC



Efficiency



Dali Diammble Driver has synchronization function during the dimming process