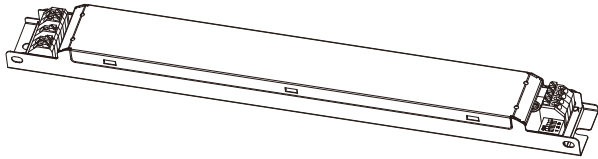


KL150C-PDii



DALI Dimmable LED Driver

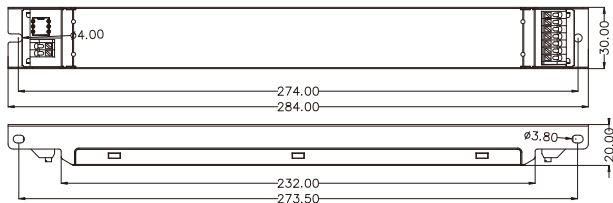


EN



M220629A0

Dimension(mm)



Current gear setting

1	2	3	KL150C-PDii
-	-	-	500mA(80-300V)
ON	-	-	600mA(80-250V)
-	ON	-	700mA(80-214V)
ON	ON	-	800mA(80-187V)
-	ON	ON	900mA(80-166V)
ON	ON	ON	1000mA(80-150V)

FEATURE

- Flicker-free for whole dimming range
- Stand-by power below 0.5W
- Primary dimming with push button
- Built-in DALI interface DT6
- Protection: short circuit / over temperature/over voltage
- Derating current for over high ambient temperature
- Push dim with memory function
- 5 year warranty

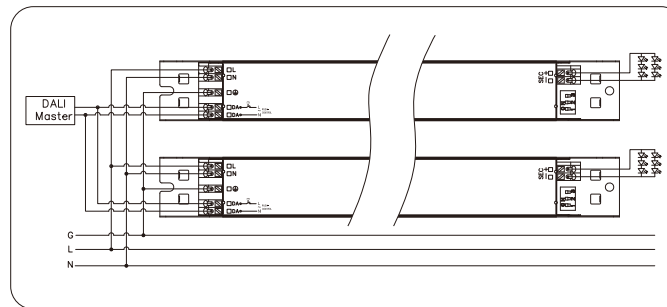
ON/OFF & Description of Dimming Operation

- A. Short press the PUSH switch (short press time 0.1S-1S), the LED driver will turn on or off.
- B. Dimming:
Press and hold the PUSH switch (1S-8S), the LED driver can achieve dimming, brightening or dimming, the dimming range is 2-100%.
- C. Memory:
PUSH dimming has dimming memory function.
- D. Dimming synchronization:
The power connected to the same PUSH switch can be synchronized by pressing and holding the PUSH switch for longer than 15S.
- E. DALI dimming mode:
Connect the power supply to the DALI system, and it can be dimmed by the DALI host. The dimming range is 0-100%

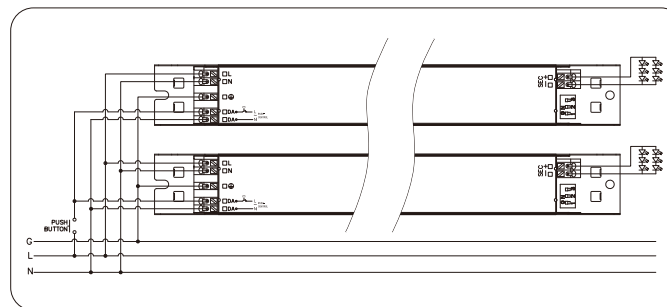
Matters Needing Attention

- 1) The LED string must be connected to the load before turning on the input power, otherwise the LED string may be damaged.
- 2) After the LED driver input is powered off, there will be a residual voltage at the output, which can be maintained for about 3 minutes.

DALI DIMMEN



PUSH DIMMEN



Parameters

Model	KL150C-PDii, 1x150W		
Rated voltage	220-240V AC, 50/60Hz		
Rated current	0.75A(Max)		
Operating temperature	-25°C~50°C		
Dimming	DALI&PUSH		
Output voltage	500mA	80-300Vdc	40-150W
	600mA	80-250Vdc	48-150W
	700mA	80-214Vdc	56-150W
	800mA	80-187Vdc	64-150W
	900mA	80-166Vdc	72-150W
	1000mA	80-150Vdc	80-150W
The wire length of DALI	300m Max		
Output over temperature / short circuit protection	Yes, without self recovery function(Can be inquired)		
Blackout memory function	Yes, PUSH blackout memory		
EMC standard	EN55015, EN61547, EN61000-3-2, EN61000-3-3		
DALI standard	IEC62386-102 IEC62386-207 Dt6		
Safety standard	EN61347-1, EN61347-2-13		
Certification	CE, CB, UKCA, ENEC		
Dims	284x30x20mm		
IP rating	IP20		
Protection class	class I		

FAQ

Question	Cause	Remedy
Lights will not illuminate	Incorrect wiring Driver had been turn off by push signal.	Check wiring Long press push switch to recover the driver.
Lights out of synchronous	Press push switch rapidly.	Long press push button at least 15s for re-synchronization. Avoid to rapidly press push button.

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Guangming District, Shenzhen, China, 518106
www.merrytek.com Email:sales@merrytek.com

折叠方式：此面朝外，十折

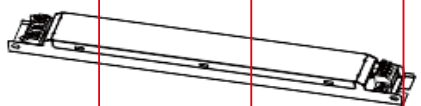
Flie NO

KF-BZD-2206-021

KL150C-PDII

KREAT
POWER

DALI Dimmable LED Driver



M22062 6A0

FEATURE

- Flies from for whole dimming range
- Stand-by power below 0.5W
- Primary dimming with push button
- Built-in DALI Interface DTR
- Protection short circuit / over temperature / over voltage
- Derating current for over high ambient temperature
- Push button with memory function
- 5 year warranty

ON/OFF & Description of Dimming Operation

- A. Short press the PUSH switch (short press time 0.1S-1S), the LED driver will turn on or off.
- B. Dimming:
Press and hold the PUSH switch (1S-8S), the LED driver can achieve dimming, brightening or dimming, the dimming range is 2%-100%.
- C. Memory:
PUSH switch has dimming memory function.
- D. Dimming synchronization:
The power connected to the same PUSH switch can be synchronized by pressing and holding the PUSH switch for longer than 15S.
- E. DALI dimming mode:
Connect the power supply to the DALI system, and it can be dimmed by the DALI host. The dimming range is 0-100%.

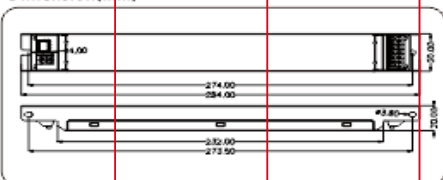
Matters Needing Attention

- 1) The LED string must be connected to the load before turning on the input power, otherwise the LED string may be damaged.
- 2) After the LED driver input is powered off, there will be a residual voltage at the output, which can be maintained for about 3 minutes.

Parameters

Model	KL150C-PDII 1x500mA
Rated voltage	220-240V AC, 50/60Hz
Rated current	1.75A/500mA
Operating temperature	-25°C~50°C
Dimming	DALI/PLI/EL
Output voltage	50mA 10-210Vdc 40Vdc
	50mA 10-210Vdc 40Vdc
	50mA 10-210Vdc 40Vdc
	50mA 10-210Vdc 40Vdc
	50mA 10-210Vdc 40Vdc
	50mA 10-210Vdc 40Vdc
The wire length of DALI	
Output over temperature / short circuit protection	
Memory	
DALI standard	
Safety standard	
Certification	
Dim	
IP rating	
Protection class	

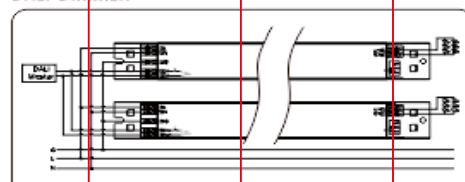
Dimension(mm)



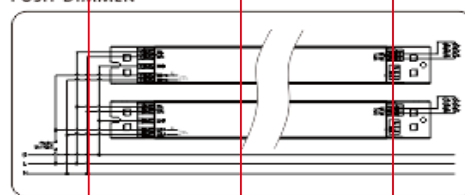
Current gear setting

1	2	3	KL150C-PDII
-	-	-	500mA/50-300V
ON	-	-	500mA/50-250V
-	ON	-	700mA/50-214V
ON	ON	-	800mA/50-187V
-	ON	ON	900mA/50-166V
ON	ON	ON	1000mA/50-150V

DALI DIMMEN



PUSH DIMMEN



FAQ

Question	Cause	Remedy
Lights will not illuminate	Incorrect wiring	Check wiring
Lights out of synchronous	Driver had been turn off by push signal	Long press push button to recover the driver
	Press push switch rapidly	Long press push button at least 15s for re-synchronization. Avoid to rapidly press push button.

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No. 57th Building, 3rd Floor, Gaoxin Industrial Park, Meixian, Meixian,
Guangdong 516000, Shenzhen, China. Tel: 0755-26666666
www.merrytek.com Email: sales@merrytek.com

备注：
70G书写纸 297*210MM 黑白单面印
成品尺寸：29.7*210MM

△3				产品名称	DALI 2电源	物料名称	说明书	视角	⊙
△2				产品编号	KL150C-PDii	物料编码	1050020001314	版本	A0
△1				设计	陈阳	20220629	材料	数量	1
序号	变更内容	变更人	日期	审核				页次	1
路径	资料组\2-辅助设计\1-包装类\1-电源产品部\KL150C-PDii			批准					
深圳迈睿智能科技有限公司 ShenZhenMerrytekTechnologyCO.,LTD									