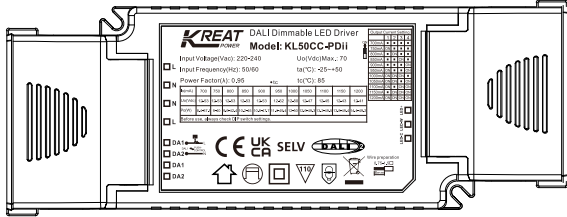


KL50CC-PDii

KREAT
POWER

DALI Dimmable LED Driver



EN

M230228A0

FEATURE

- Flicker-free for whole dimming range
- Stand-by power below 0.5W
- Primary dimming with push button
- Built-in DALI interface DT8
- Centrally-supplied DC emergency operation DT19
- 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%.

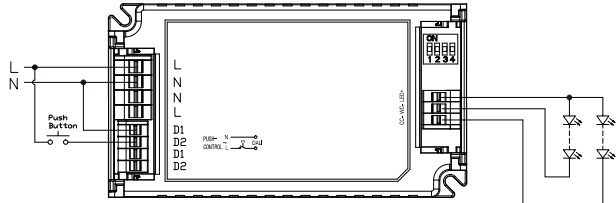
Matters Needing Attention

1)The LED string must be connected to the load before turning on the input power, otherwise the LED string may be damaged.

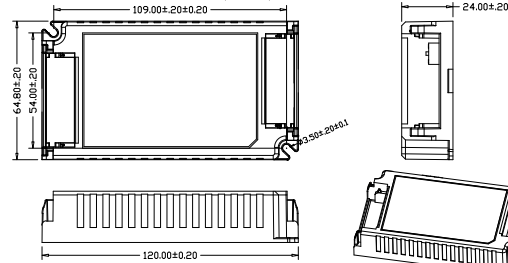
Parameters

Model	KL50CC-PDii, 1x50W	
Rated voltage	220-240V AC, 50/60Hz	
Rated current	0.25A Max	
Operating temperature	-25°C~50°C	
Dimming	DALI&PUSH	
Output voltage	700mA(12-53V)	750mA(12-53V)
	800mA(12-53V)	850mA(12-53V)
	900mA(12-53V)	950mA(12-52V)
	1000mA(12-57V)	1050mA(12-47V)
	1100mA(12-45V)	1150mA(12-43V)
	1200mA(12-41V)	
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	
Dims	120x64.8x24mm or 179.6x69x24mm	
IP rating	IP20	
Protection class	class II	

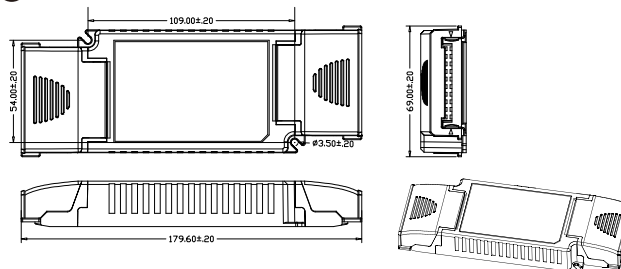
A PUSH DIMMING



C Mechanical Dimension (mm)



D Mechanical Dimension (mm)



E

Output Current Setting				
	1	2	3	4
700mA	-	-	-	-
750mA	ON	-	-	-
800mA	-	ON	-	-
850mA	-	-	ON	-
900mA	-	-	-	ON
950mA	ON	-	-	ON
1000mA	ON	ON	ON	-
1050mA	ON	ON	-	ON
1100mA	ON	-	ON	ON
1150mA	-	ON	ON	ON
1200mA	ON	ON	ON	ON

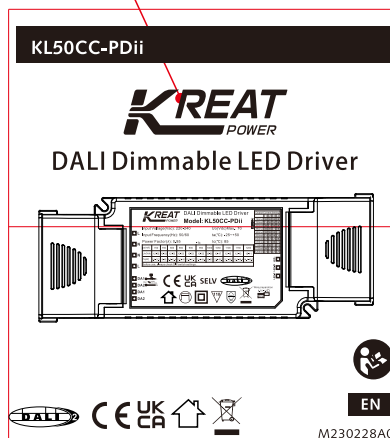
FAQ

Question	Cause	Remedy
Lights will not illuminate	Incorrect wiring	Check wiring
	Driver had been turn off by push signal.	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.

Shenzhen Merrytek Technology Co.,Ltd

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折叠方式：此面朝外



备注：
70G书写纸 297*210MM 黑白单面印
成品尺寸：99*52.5MM

△3				产品名称	DALI 2电源		物料名称	说明书			视角			
△2				产品编号	KL50CC-PDii		物料编码	1050020001343			版本	A0	单位	mm
△1				设计	陈阳	20230303	材料		数量	1	页次	1	比例	1:1
序号	变更内容		变更人	日期	审核		深圳迈睿智能科技有限公司 ShenZhenMerrytekTechnologyCO.,LTD							
路径	资料组\2-辅助设计\1-包装类\KL 智能电源\KL50CC-PDii				批准									