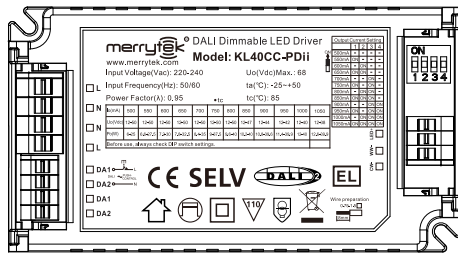


KL40CC-PDii



DALI Dimmable LED Driver



EN



Instruction
MI240927A0

FEATURE

- Flicker-free for whole dimming range
- Stand-by power below 0.5W
- Primary dimming with push button
- Centrally-supplied DC emergency operation DT19
- Built-in DALI interface DT8
- 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. Color temperature adj:
Step 1, PUSH turns off the lights; Step 2, press and hold PUSH to adjust the color temperature starting from the current brightness; Release PUSH, press and hold PUSH again, and adjust the color temperature in the opposite direction; No operation for 5 seconds, exit color adjustment mode.
- D. Memory:
PUSH dimming has dimming memory function.
Dimming synchronization:
- E. The power connected to the same PUSH switch can be synchronized by pressing and holding the PUSH switch for longer than 15s.
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%.

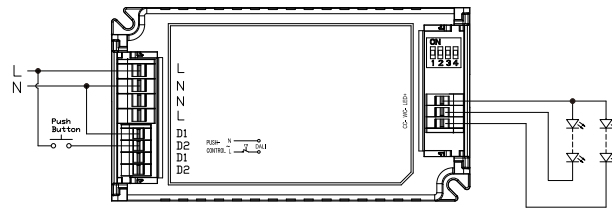
Matters Needing Attention

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

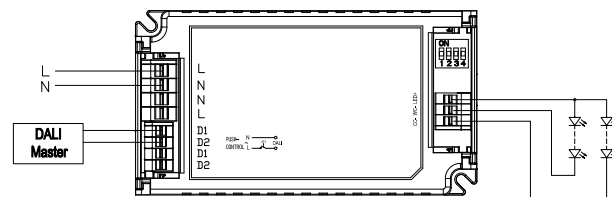
Parameters

Model	KL40CC-PDii, 1x40W	
Operating Voltage	198-264VAC 50Hz /60Hz	
Rated voltage	220-240V AC, 50/60Hz	
Input Current	0.21A Max	
Dimming	DALI&PUSH	
Output voltage	500mA(12-50V)	550mA(12-50V)
	600mA(12-50V)	650mA(12-50V)
	700mA(12-50V)	750mA(12-50V)
	800mA(12-50V)	850mA(12-47V)
	900mA(12-44V)	950mA(12-42V)
	1000mA(12-40V)	1050mA(12-38V)
Full load output power	40W 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	IEC62386-101/102/207 DT6/209 DT8/220 DT19	
Safety standard	EN61347-1, EN61347-2-13	
Certification	CE	
Dims	120x64.8x24mm or 179.6x66.9x24mm	
IP rating	IP20	
Protection class	class II	

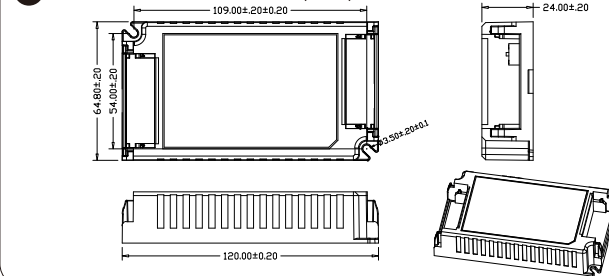
A PUSH DIMMING



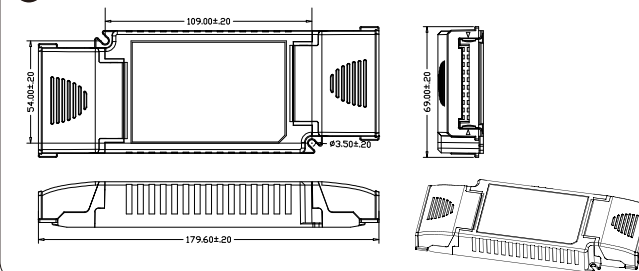
B DALI DIMMING



C Mechanical Dimension (mm)



D Mechanical Dimension (mm)



E

Output Current Setting				
	1	2	3	4
500mA	-	-	-	-
550mA	ON	-	-	-
600mA	-	ON	-	-
650mA	ON	ON	-	-
700mA	-	-	ON	-
750mA	ON	-	ON	-
800mA	-	ON	ON	-
850mA	ON	ON	ON	-
900mA	-	-	ON	ON
950mA	ON	-	ON	ON
1000mA	-	ON	ON	ON
1050mA	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.

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