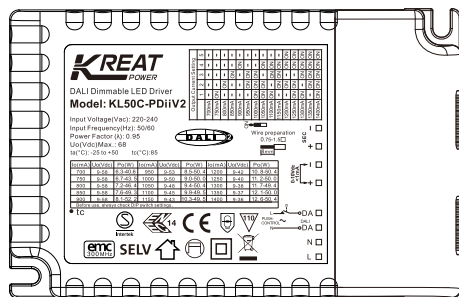


KL50C-PDiiv2



Flicker-free DALI LED Driver 50W



EN



Instruction
MI201123A0

FEATURE

- Built-in DALI 2 protocol, no flicker in full dimming range;
- Secondary 0-10V (the darkest below 1V does not turn off) ;
- Primary Push dimming function; Push dimming has state memory function;
- Short circuit / over temperature / over voltage protection; reduce output current after over temperature;
- Standby power consumption $\leq 0.5W$;
- Life span > 50,000 hours.

CONNECTION

1. Start with setting the output current. The current can be easily configured by choosing the correct combination of the DIP switches(see fig F)
2. Connect the luminaires to the driver according to the wiring diagram.(see Fig A,B,or C)

PUSH DIMMING (see wiring diagram, Fig A)

- On/off: short push (100ms~1sec) on the switch
- Stepless dimming: long push (1sec~8secs) on the switch

0-10V DIMMING (see wiring diagram, Fig C)

- The driver supports any active 0-10V dimmer. Dimming curve, see Fig D.
- As DALI and push dimming is always active , If use the DALI dimming and push dimming first , users have to short 0-10V interface and power on driver 15 seconds at least to make 0-10V active before using 0-10V dimming.

DALI DIMMING (see wiring diagram, FigB)

- The driver built-in DALI interface . DALI Dimming is always active.

FACTORY SETTING

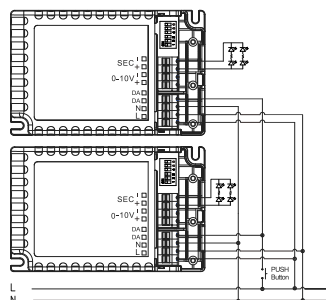
0-10V dimming, 700mA

Warning: Please make sure the correct current is set before starting the driver!

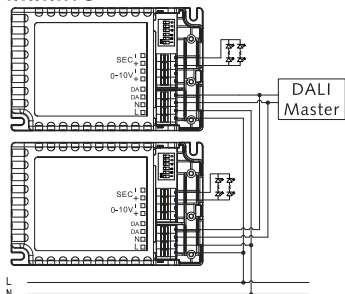
SPECIFICATIONS

Model	KL50C-PDiiv2, 1x50W				
Rated voltage	220-240V AC, 50/60Hz				
Rated current	0.28A (max)				
Operating temperature	-25°C~50°C				
Dimming	DALI & PUSH & 1-10V(0-10V)				
Output voltage	700mA	9-58Vdc	6.3-40.6W	1100mA	9-45Vdc 9.9-49.5W
	750mA	9-58Vdc	6.7-43.5W	1150mA	9-43Vdc 10.3-49.5W
	800mA	9-58Vdc	7.2-46.4W	1200mA	9-42Vdc 10.8-50.4W
	850mA	9-58Vdc	7.6-49.3W	1250mA	9-40Vdc 11.2-50.0W
	900mA	9-58Vdc	8.1-52.2W	1300mA	9-38Vdc 11.7-49.4W
	950mA	9-53Vdc	8.5-50.4W	1350mA	9-37Vdc 12.1-50.0W
	1000mA	9-50Vdc	9.0-50.0W	1400mA	9-36Vdc 12.6-50.4W
	1050mA	9-48Vdc	9.4-50.4W		
The wire length of DALI	300m Max				
Abnormal protection	Output short-circuit protection after restart				
Overheating protection	Overheating protection after restart				
EMC standard	EN55015, EN61000-3-2, EN61547, EN61000-3-3				
DALI standard	IEC62386-102, IEC62386-207				
Safety standard	EN61347-1 EN61347-2-13				
Certification	SEMKO,CE, ENEC14				
Dims	123*79*23.8mm				
Protection class	IP20				

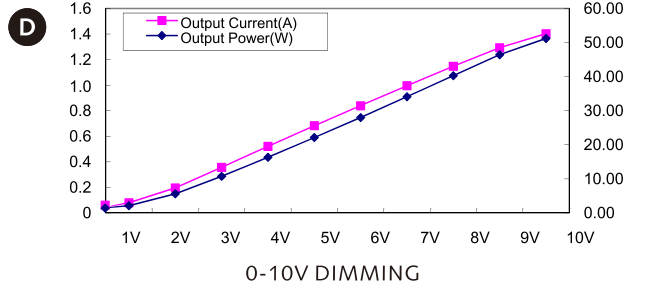
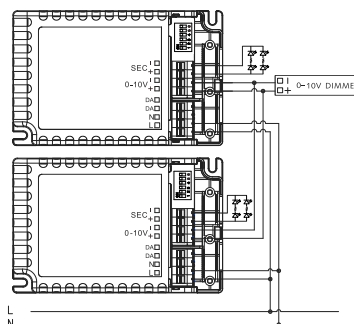
A PUSH DIMMING



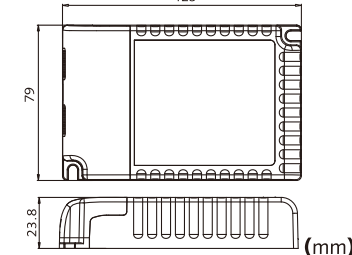
B DALI DIMMING



C 0-10V DIMMING



E Machine dimension



F

Output Current Setting					
	1	2	3	4	5
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
1250mA	ON	ON	-	ON	ON
1300mA	ON	-	ON	ON	ON
1350mA	-	ON	ON	ON	ON
1400mA	ON	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. Reset the driver by short 0-10V interface.
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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文件编号：KF-BZD-2106-001

物料编码：1050050280

版本：A0版

材质要求：70G书写纸 297*210MM 黑白单面印

折页方式,此面朝外

