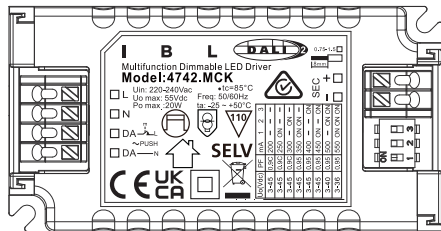


4742.MCK

IBL

Multifunction Dimmable LED Driver



EN

Instruction
MI261015A0



FEATURE

- Flicker-free for whole dimming range.
- Stand-by power below 0.5W.
- Primary dimming with push button.
- Built-in DALI 2 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

- Short press the PUSH switch (short press time 0.1S-1S), the LED driver will turn on or off.
- Dimming: Press and hold the PUSH switch (1S-8S), the LED driver can achieve dimming, brightening or dimming, the dimming range is 2-100%.
- Memory: PUSH dimming has dimming memory function.
- Dimming synchronization: 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

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

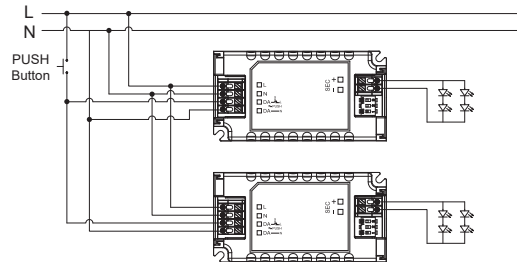
FACTORY SETTING: 200mA

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

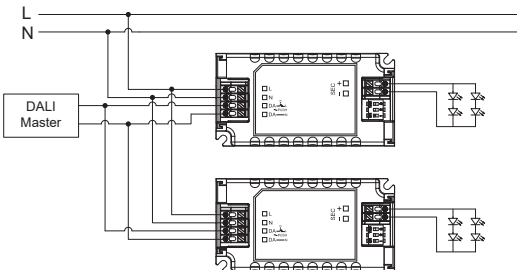
SPECIFICATIONS

Model	4742.MCK
Rated voltage	220-240V AC, 50/60Hz
Rated current	0.12A (max)
Rated power	20W (max)
Operating temperature	-25°C~50°C
Dimming	DALI & PUSH
Output voltage	200mA 3~45Vdc 0.6-9.0W; 250mA 3~45Vdc 0.8-11.3W; 300mA 3~45Vdc 0.9-13.5W; 350mA 3~45Vdc 1.1-15.8W; 400mA 3~45Vdc 1.2-18.0W; 450mA 3~45Vdc 1.4-20.3W; 500mA 3~40Vdc 1.5-20.0W; 550mA 3~36Vdc 1.7-19.8W;
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	CE, CB
Dims	78*40.5*22 or 116*40.5*22mm
Protection class	IP20

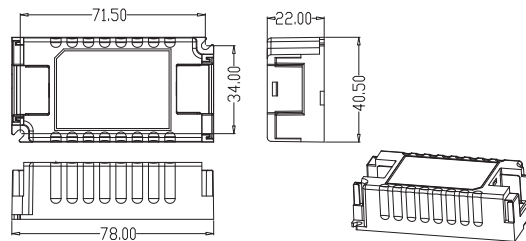
A PUSH DIMMING



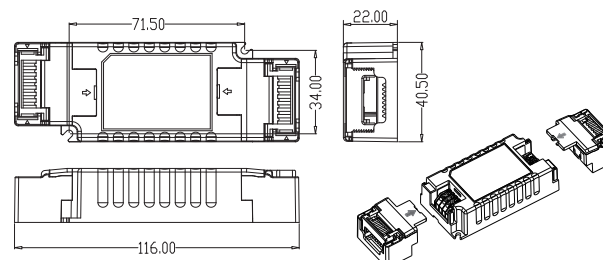
B DALI DIMMING



C Mechanical Dimension (mm)



D Mechanical Dimension (mm)



E

Output Current Setting

Uo(Vdc)	PF	mA	1	2	3
3-45	0.9C	200	—	—	—
3-45	0.9C	250	ON	—	—
3-45	0.9C	300	—	ON	—
3-45	0.95	350	ON	ON	—
3-45	0.95	400	—	—	ON
3-45	0.95	450	ON	—	ON
3-40	0.95	500	—	ON	ON
3-36	0.95	550	ON	ON	ON



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 resynchronization. Avoid to rapidly press push button.

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