

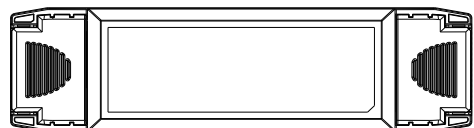


Instruction Manual for Constant Voltage Dimmable LED Driver

Model:ML40V-T/ML65V-T/ML75V-T1

- Please read the entire instruction manual before using the product and then save it for future reference.
- We reserve the right for any errors in text or images and any necessary changes made to technical data.
- If you have any questions concerning technical problems please contact our Customer Services.

Features



- Smooth dimming most with leading edge or trailing edge dimmer
- For 12/24V dc constant voltage LEDs
- Quick connection terminals and upper cover.
- Loop-in and loop-out of mains voltage.
- Short-circuit/ Overload /Overheat protection
- 3-year warranty

Specifications

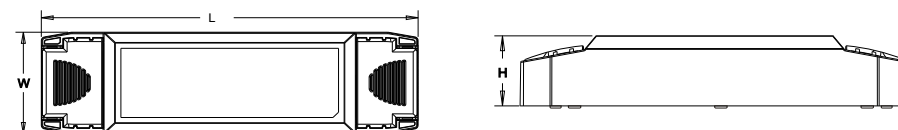
Model	ML40V-T	ML65V-T	ML75V-T1
Input	Mains voltage	220-240Vac, 50/60Hz	220-240Vac, 50/60Hz
	Power factor (PF)	≥0.9 (@ 240Vac input, full load and without dimmer)	≥0.9 (@ 240Vac input, full load and without dimmer)
	Efficiency	≥85% (@ 240Vac input, full load and without dimmer)	≥82% (@ 240Vac input, full load and without dimmer)
	No-load power	≤1.0W	≤1.0W
Output	Output Voltage	12V DC	24V DC
	Output current	3.3A max.	5.41A max.
	Voltage accuracy	±5%	±5%
	Output power	40W Max.	65W Max.
	Minimum load	20W(1.6A)	30W (2.5A)
	Dimming mode	Trailing-edge only	Leading edge & Trailing-edge
Dimming	Dimming range	10%-100%	10%-100%
	Recommend dimmer	Bush-6513, Berker 2874, Schneider SBD 315RC, Jung225TDE, GIRA 0307, QID350S	Jung225TDE, Berker 2874, QID350S, Busch-6513, Schneider SBD 315RC, Schneider SBD 630RC, Simon S9L2, 435 HAN/EL, ABB6523U, GIRA 0370
Environment	Working temperature	-25℃~50℃	-25℃~50℃
	Storage temperature	-40℃~80℃	-40℃~80℃
	Insulation class	Class II, SELV	Class II, SELV
	IP grating	IP20	IP20
Safety and EMC	Withstand voltage	Input-Output: 3.75kVac/5mA/1min	Input-Output: 3.75kVac/5mA/1min
	EMC	Compliance to EN55015, EN61000-3-2 Class C, EN61000-3-3, EN61547	Compliance to EN55015, EN61000-3-2 Class C, EN61000-3-3, EN61547
	Safety	Compliance to EN61347-1, EN61347-2-13, EN60598-1, EN60598-2-6	Compliance to EN61347-1, EN61347-2-13, EN60598-1, EN60598-2-6
Protection	Short circuit (Note)	Protection mode: Auto recovery	Protection mode: Auto recovery
	Over temperature	Protection mode: Auto recovery	Protection mode: Auto recovery
	Dimension(L x W x H)	202 x 58 x 30mm	220 x 58 x 40mm

Note: When output is in short-circuit, ML65V-T and ML75V-T1 will start protection at once and recover after short circuit faults, ML40V-T will start protection within 3-5 minutes and recover after lowering ambient temperature.

Safety

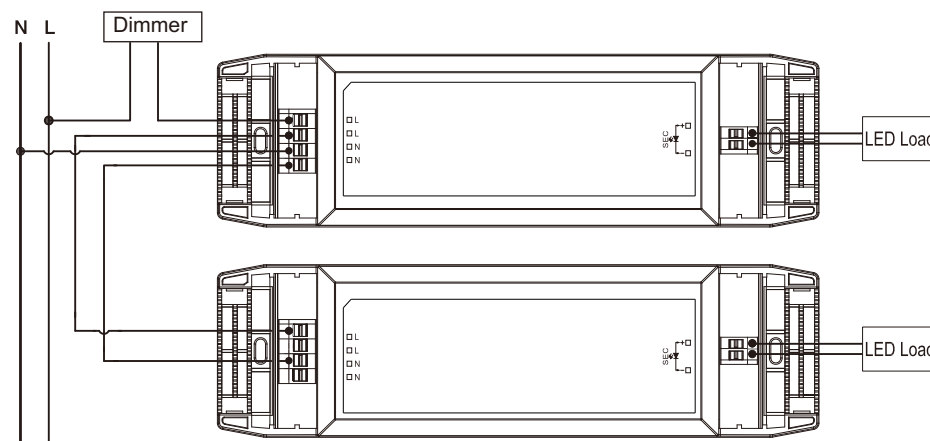
- Make sure that the electricity is switched off before installing or servicing the LED driver.
- The LED driver must not be dismantled or modified in any way. The guarantee is void if the product has been modified.
- Supplier cannot be held responsible for anything that happens as a result of the LED driver having been modified in any way.
- The LED driver is intended to be used with a Leading edge or Trailing-edge dimmer (RC or RL dimmer).
- The LED driver is intended to be hard-wired for fixed installation and must only be installed by a competent electrician.
- The LED driver is intended for indoor use only.

Size



Wiring

This dimmable LED driver is designed for use with Leading edge or Trailing-edge dimmer.



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