

KNX Dimmer Leading Edge

Model No: L6993-04YK

Profile

- The dimming power amplifier employs leading-edge phase control technology, receiving KNX signals and converting them into high-power 0-220V TRIAC dimming output.
- Compatible with incandescent lamps, dimmable LED lamps, and low-voltage halogen lamps with electronic transformers.
- Each channel delivers an output power of up to 1000W.

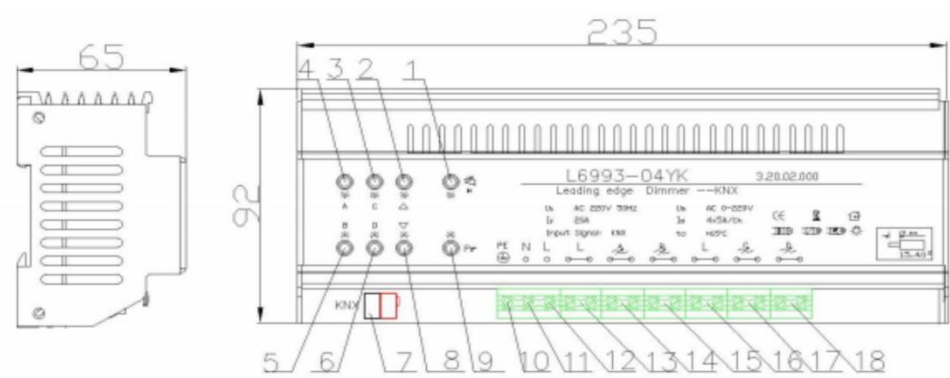
Features

- Featuring a manual dimming button, metal housing for enhanced heat dissipation, multi-level temperature protection, and flicker-free dimming module
- Equipped with signal input buffer design for smooth dimming performance (timing $\geq 220\mu s$)
- Comprehensive protection includes short-circuit, overload, and over-voltage safeguards
- Long lifespan, compact size, and compatible with 35mm DIN-rail installation
- Plug-in design for signal input terminals ensures easy and reliable connection

Technical Parameters

Model No	L6993-04YK
Brand	LAMMIN
Input Signal	KNX signal
Input Voltage	AC 220V
Output Voltage	AC 0-220V
Frequency Range	50/60Hz
Max Load Current	5A/CH*4
Max Output	1000W*4
Min Load	40W
Certification	CE
Working Temp	-20℃~+50℃
Warranty	3 years
Size(L*W*H)MM	235*92*65
Installation	35mm DIN rail
Photo	

Wiring Diagram and Installations



- 1) Mode switch button
- 2) Brightening button
- 3)-6) 4channel indicators
- 7) KNX terminal
- 8) Darkening button
- 9) Program download
- 10) PE Ground terminal
- 11) Power L
- 12) Power N
- 13) A,B Power L
- 14)-15) A,B dimming output
- 16) C,D Power L