

# KNX Phase-adaptive Dimming Power Amplifier

Model No: L6993-04YK

## Profile

- Dimming power amplifier adopt leading edge phase dimming, input DALI signal and convert into high power 0-220V TRIAC dimming.
- Applicable for incandescent lamps, dimmable LED lamps, and low-voltage halogen lamps with electronic transformer.
- Each channel output power up to 1000W.

## Features

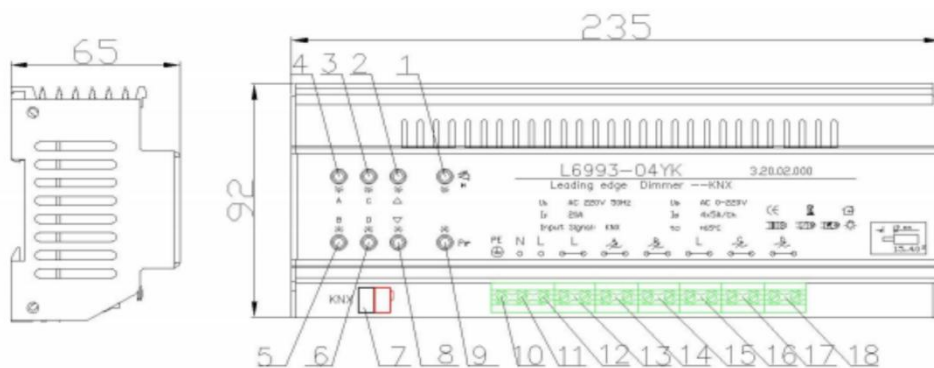
- Manual dimming button/metal shell heat dissipation/multiple temperature protection /flickerless module
- Signal input buffer design, smooth dimming, timing>=220us
- Short out protection, overload and over-voltage protection
- Long life cycle, small size and 35mm DIN-rail installation
- Signal input terminal plug design, easy connection



## Technical Parameters

Model No	L6993-04YK	L6993-04YD	L6993-04YL
Brand	LAMMIN		
Input Signal	KNX signal	DALI signal	0/1-10V 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 UL		
Working Temp	-20°C~+50°C		
Warranty	3 years		
Size(L*W*H)MM	235*92*65	216*88*65	216*88*65
Installation	35mm DIN rail		
Customization	YES		

## 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
- 17)-18) C,D dimming output

- Press 1) to switch mode manual or automatic mode
- In manual mode, hold down 3),4),5),6), the loop dimming cycle, the indicator quickly blinks.
- Press1) or power on the device again to exit the manual state.
- Long press 2) or 8), gradual brightening or darkening