

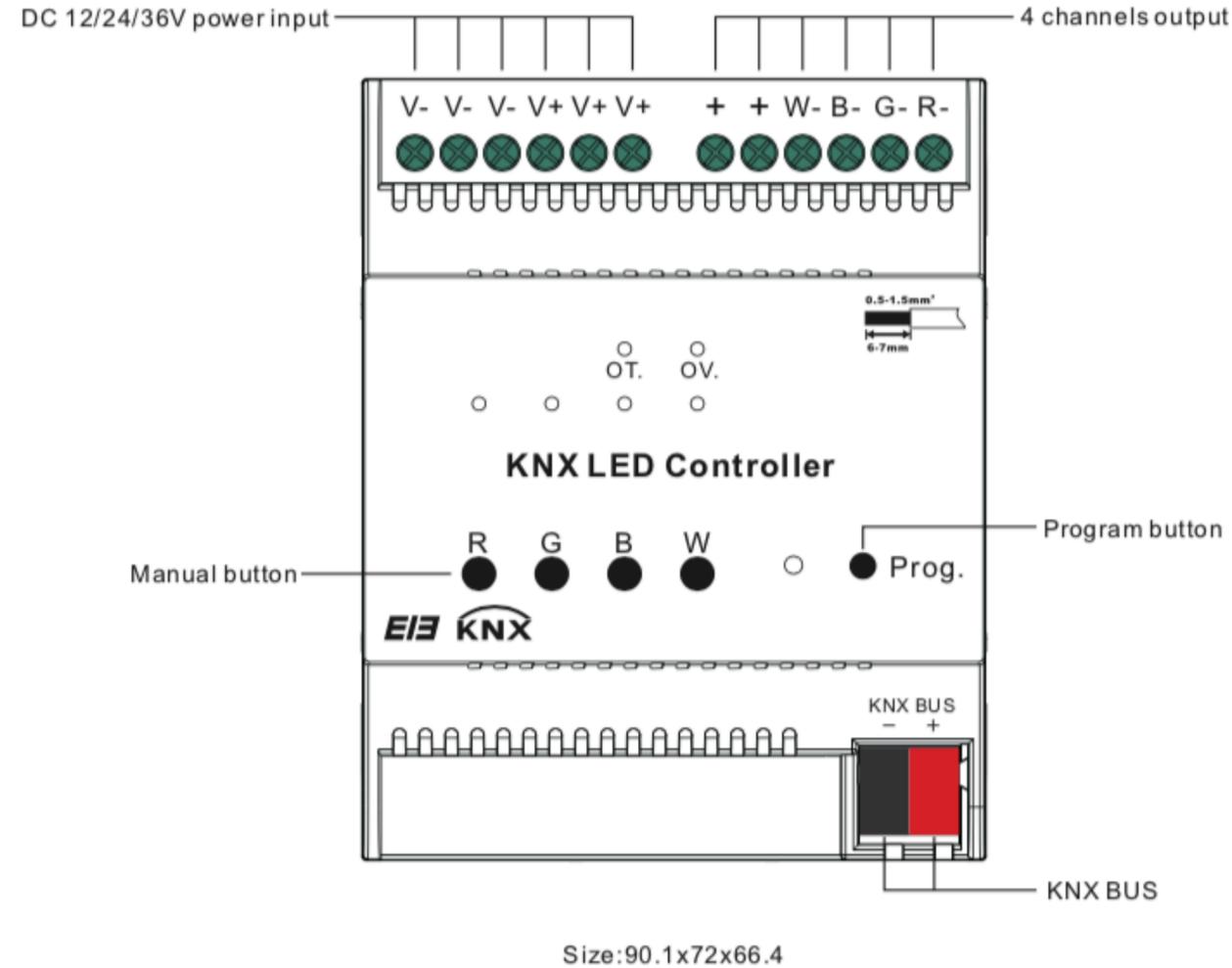
KNX LED Controller

09.911FA.04255



Important: Read All Instructions Prior to Installation

Function introduction



The dimmer with LED constant voltage drive can drive LED directly, has four channels, each channel is independent. The output can connect with some big power dimmable LED lights. These LEDs can be switched, dimmed, recall scene or other operations via the bus. The devices adopt PUSH terminals to achieve electrical connection; the connection to the EIB/KNX bus is established via a bus connecting terminal. The input need connect a 12V-36V DC operation voltage. The following list provides a functional overview:

- ☆ Switching the LED light
- ☆ Relative dimming
- ☆ Absolute dimming
- ☆ Status report, error report
- ☆ Setting 15 scenes
- ☆ Staircase lighting function
- ☆ Bus recovery (or reset) function
- ☆ Preset value and modify preset value functions
- ☆ Switch/relative dimming via manual buttons

The above function of parameters to configure and use are described in the chapter 5. The device has own database file. There is added a manual operation function in the normal dimming mode, it is invalid in the staircase lighting mode. Switch via a short operation of manual buttons, relative dimming via a long operation, and in the case of the bus voltage fail the manual operation is invalid.

Technical data

Power supply	Bus Operating voltage	21-30V DC, via the KNX/EIB bus		
	Input voltage	12-36V DC	12-36V DC	12-36V DC
Output	Rated current	5Ax4CH	350mAx4CH	700mAx4CH
	Rated power	4x(60-180)W	4x(4.2-12.6)W	4x(8.4-25.2)W
	Load voltage	12-36V DC	12-36V DC	12-36V DC
	Safety	Short-circuit, over voltage and over temperature protection		
Connections	EIB/KNX	EIB bus connection terminal		
	Inputs/outputs	Using screw connection terminal		
Operation and display	4 channels			
	Button and red LED	For assigning the physical address		
	Green LED flashing	Indicate the application layer running normally		
	LEDs for Output	Indicate output status per channel, LED on mean the channel has output, LED off mean the channel has not output.		
	Manual buttons	Switch via a short operation, relative dimming via a long operation		
	OT. LED	Indicate over-temperature, >70 °C		
Type of protection	OV. LED	Indicate over voltage, >40V DC		
	IP 20, EN 60 529			
Temperature	Operation	-5 °C...+45°C		
	Storage	-25 °C...+55°C		
	Transport	-25 °C...+70°C		
Ambient	Humidity	<93%, except dewing		

Wiring diagram

