

Technical Sheet
For EIB/KNX 4A LED Dimming Actuator

ADLD-04/03.1



The worldwide STANDARD for home and building control

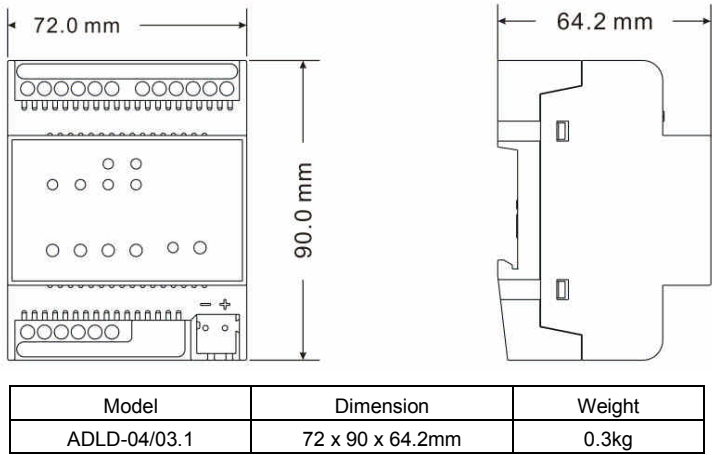
CHARACTERISTICS

- Control switch of the LED lamp
- Relative dimming function
- Control brightness values of the LED lamp
- State report, error report
- 15 scenes setting
- Staircase lighting function
- Bus recovery function
- Preset function, set preset function
- Switch/ relative dimming via manual buttons

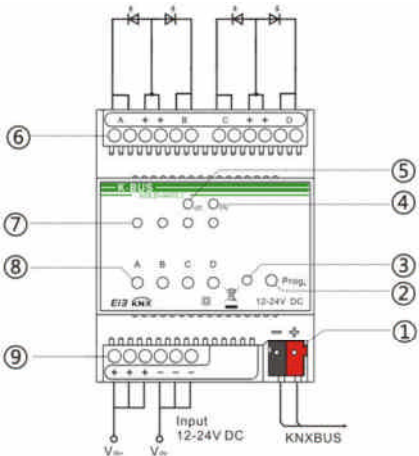
PARAMETERS

Power	Operating voltage	21-30V DC, via the EIB bus
	Current consumption	<12mA
Supply	Power consumption	<360mW
	Input	12-24V DC
Output	4 channels	
	Rated current	4A
	Load voltage	12-24V DC (constant voltage)
	Safety	Short-circuit, over voltage and over temperature protection
connections	EIB/KNX	EIB bus connection terminal
	Input and output	Screw terminals
Operation and display	Button and Red LED	For assigning the physical address
	Green LED flashing	Indicate the application layer running normally
Temperature	OT. LED	Indicate over-temperature, >70 °C
	OV. LED	Indicate over voltage, >26V DC
	Manual buttons	Switch via a short operation, relative dimming via a long operation
	LEDs for output	Indicate output status per channel
	Operation	-5°C ~45°C
Mounting	Storage	-25°C ~55°C
	Transport	-25°C ~70°C
Ambient	On 35mm DIN rail	
	Humidity	<93%, except dewing

DIMENSIONS



DESCRIPTIONS



- ① EIB/KNX bus connection terminal.
- ② Programming button, for assigning the physical address.
- ③ Red LED for entering the physical address, green LED for application layer running normally.
- ④ Indicate over voltage, the LED ON if normal; when the input voltage>26V DC or the output current>4A , the LED is flashing; when the input voltage>30V DC or the output current>5A , the LED is flashing quickly and the output is off.
- ⑤ Indicate over-temperature, the LED ON if normal; when the Temp.>70°C, the LED is flashing and the brightness value is lowered 5% per ↑ 0.5°C
- ⑥ Output, load terminals.
- ⑦ LEDs of indicating output status for each channel.
- ⑧ Manual buttons, switch via short operation, relative dimming via long operation.
- ⑨ Input terminals, input voltage 12-24 V DC

INSTALLATION FIGURE

The devices are suitable for installation on the distribution boards with 35mm DIN rail which complies with DIN EN 60715 or a small box in order to facilitate quick installation of the device. Must ensure that the device operation, testing, detecting, maintenance correctly.

IMPORTANT INFORMATION

Installation and commissioning of the device may only be carried out by trained electricians. The relevant standards, directives, regulations and instructions must be observed when planning and implementing the electrical installation.

- Protect the device against moisture, dirt and damage during transport, storage and operation!
- Do not operate the device outside the specified technical data (e.g. temperature range)!
- The device may only be operated in closed enclosures (e.g. distribution boards).

Should the device become soiled, it may be cleaned with a dry cloth. If this does not suffice, a cloth lightly moistened with soap solution may be used. On no account should caustic agents or solvents be used.