

K-BUS

Technical Sheet For EIB/KNX Dimming Actuator

KA/D0103.1

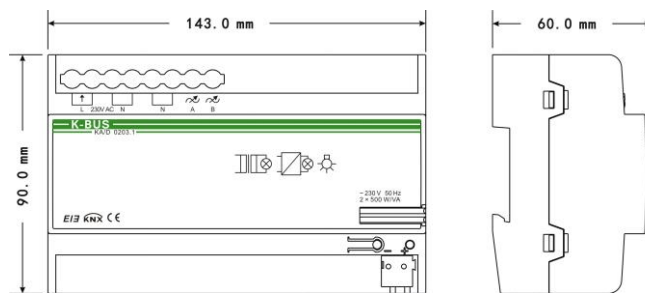
KA/D0203.1

KA/D0403.1



The worldwide STANDARD for home and building control

DIMENSIONS



Model	Dimension	Weight
KA/D0103.1	71.5 x 90 x 60mm	0.3kg
KA/D0203.1	143 x 90 x 60mm	0.5kg
KA/D0403.1	214.5 x 90 x 60mm	0.75kg

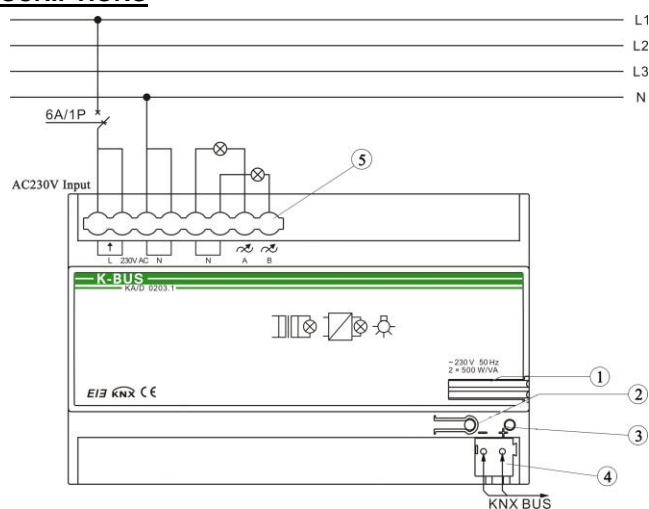
CHARACTERISTICS

- Control switch state of the lamp
- Relative dimming function
- Control brightness values of the lamp
- State report, error report
- 15 scenes setting
- Staircase lighting function
- Bus recovery function
- Preset function, set preset function

PARAMETERS

Power Supply	Operating voltage	21~30V DC, via the EIB bus
	Input	230V AC (50/60Hz)
output	channels	1/2/4
	voltage	230VAC(50/60Hz), dimmed via phase alignment/phase control
	Max. capacity	500W / 500W / 400W (up to 45°C ambient temperature)
	Min. capacity	40W
Operation and display	Max. leakage loss	5W
	Red LED and push button	For assigning the physical address
	Green LED flashing	For displaying the application layer running normally
Connections	EIB/KNX	Bus connection terminal(black/red)
	Load circuits/ 230V AC input	Screw terminals
Temperature	Operation	-5°C~45°C
	Storage	-25°C~55°C
	Transport	-25°C~70°C
Mounting	On 35mm mounting rail	
CE norm	According to the EMC and low voltage guideline, EN 50090-2-2	
Certification	EIB/KNX certified	

DESCRIPTIONS



- ① Label carrier
- ② Programming button
- ③ Red LED for entering the physical address, green LED for application process normally running
- ④ EIB/KNX bus connection terminal
- ⑤ Output, load terminal

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.