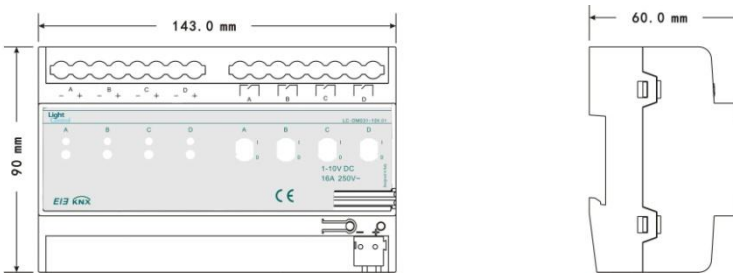
Technical Sheet
For EIB/KNX 4 Channels 1-10v Dimmer

LC-DM041-10V.01

The worldwide STANDARD for home and building control

DIMENSIONS

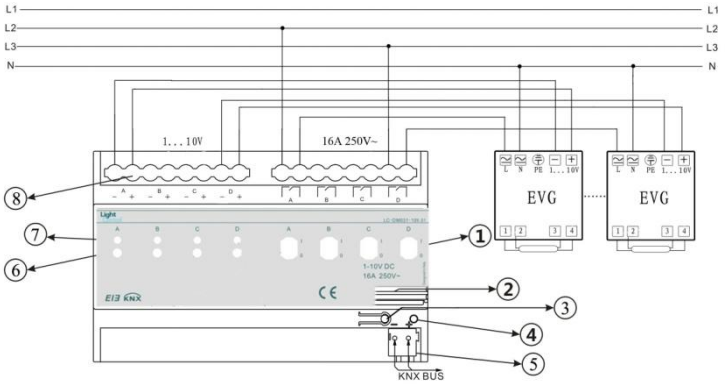


Model	Dimension	Weight
LC-DM041-10V.01	143 x 90 x 60mm	0.5kg

CHARACTERISTICS

- ●Switching the light
- ●Relative dimming
- ●Absolute dimming
- ●Status 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

DESCRIPTIONS



① Mechanical manual operation
② Label carrier
③ Programming button
④ Red LED for entering the physical address, green LED for application layer running normally
⑤ bus connection terminal
⑥ Electronical manual button
⑦ LEDs of indicating output status for each channel, LED on meaning the channel has output, or else no output
⑧ output, load terminals

PARAMETERS

Power Supply	Operating voltage	21~30V DC , via the EIB bus
	Current consumption	<12mA
	Power consumption	<360mW
Output	Output voltage	1~10V DC(passive)，max.100mA per output
	Switch current	16A/250V AC
Connections	EIB / KNX	Bus connection terminal (black/red)
	Outputs	Using screw terminals
Operation and display	Red LED and button	For assigning the physical address
	Green LED flashing	For displaying the application layer running normally
Temperature	Operation	–5°C ... + 45 °C
	storage	–25 °C ... + 55 °C
	transport	– 25 °C ... + 70 °C
Mounting	Standard 35mm DIN rail installation	

INSTALLATION FIGURE

The devices are suitable for installation on the distribution boards with 35mm mounting 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

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not suffice, a cloth lightly moistened with soap solution may be used. On no account should caustic agents or solvents be used.

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