LETOUR

4-fold 0~10V dimming module specification

KNX international standard home and building control system

Product Features

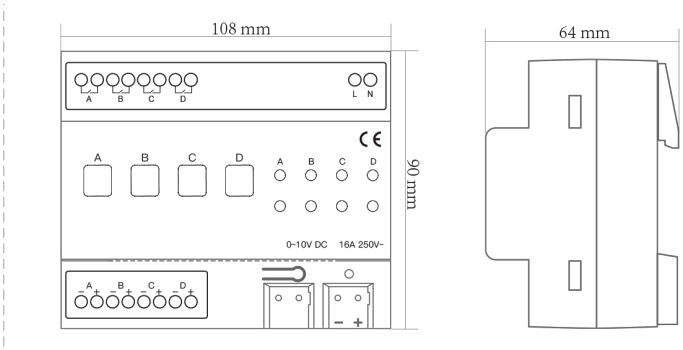
- **Switch dimming function**
- **Relative dimming function**
- **Absolute dimming function**
- **Status and bug reports**
- **Scene and preset controls**
- **Stair light function**
- **Bus reset function**
- **0-10V drive**
- **Manual dimming**
- **Output status indication**

LY/T0416414J

Technical Parameter

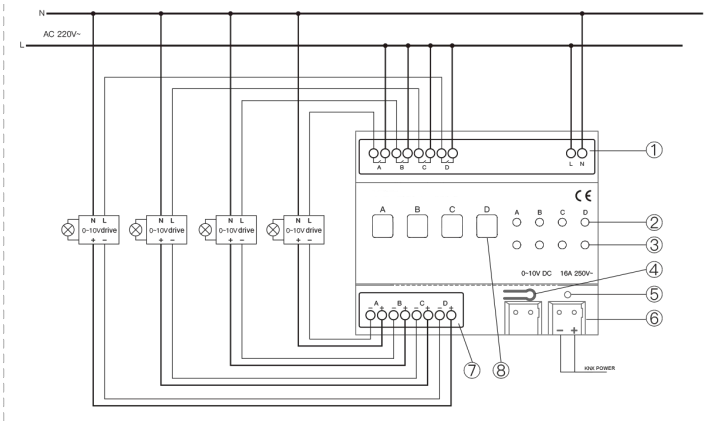
Power	KNX bus voltage	21~30VDC, obtained through EIB bus
	Current drawn through the bus	<12mA
	Power dissipated through the bus	<360mW
Output	Number of dimming channels	4-ch
	The output voltage	0~10VDC (absorbing type), each output max.100mA
	Output contact switch current	16A/250V AC, maximum allowable working current 10A/250V (140μF) under fluorescent lamp load
Wiring	EIB/KNX bus	Terminal connection (red/black)
	Output terminal	16 screw terminals, 8 terminals for 4 channels 1~10V common ground and 0~10V output, 8 terminals switch for 4 channels
	Wire diameter	0.5-4mm2
	Torque	0.8N-m
Operation and Instructions	Program keys	Used for device programming physical address and diagnostics
	Red indicator	Instructs the device to enter programming mode
	Green light	Instructs the device to enter run mode
Protection class	Protection class	IP 20, EN 60 529
Temperature range	Operating temperature	- 5℃...+45℃
	Storage temperature	- 25℃...+55℃
	Transport temperature	- 25℃...+70℃
Environmental conditions	Environment humidity	Maximum air humidity <93%, except condensation
Install	Standard 35mm DIN rail mounting	

Dimensions



Mode	Size	Weight
LY/T0416414J	108 × 90 × 64mm	About 0.293KG

Wiring Diagram



① 220V channel terminal
② Channel key indicator
③ Channel switch button
④ Program button
⑤ Programming indicator
⑥ KNX/EIB connection terminal
⑦ 0~10V terminal
⑧ Relay manual switch

Main Tips

1. In order to facilitate and quickly install this device into a conventional distribution box, it has been designed as a modular installation device according to the EN60715 standard, which can be installed on a 35mm DIN rail.
2. Installation and commissioning of equipment can only be operated by qualified and skilled electricians. In the process of planning and implementing electrical installations, relevant standards, directives, rules and instructions shall be strictly enforced.
3. It is necessary to avoid the device from being damp, dirty and damaged during transportation, storage and use.
4. Do not make the device run outside the specified technical indicators (such as temperature range)
5. The device can only be run in a closed environment (e.g. distribution box).
6. When the equipment is dirty, only use a dry cloth for cleaning. If this is not enough to clean, you can use a damp cloth with a little soap solution to gently wipe, do not use alkali or corrosive solvents.