

KNX 8-fold 16A switch actuator with current measurement specification

Applicable Model:
LY/K0816411C

KNX international standard home and building control system

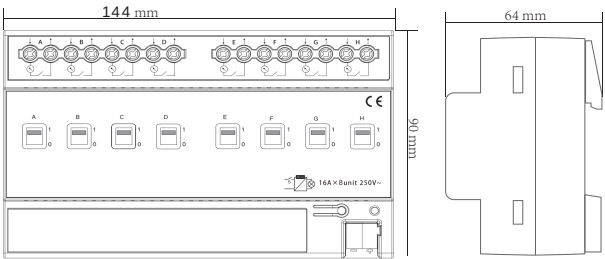
Product Feature

- Time function:delays the open/close time
- Stair lighting function with warning function and adjustable stair lighting time function
- Scene, preset control: 8-bit/1-bit
- Logical operation: and, or, xOR, gate function
- State value query returns
- Forced operation and safety insurance function
- Threshold function setting
- Electrically heated valve actuator control
- Bus voltaged is connects and recovers after relay switch position selection
- Current detection

Technical Parameter

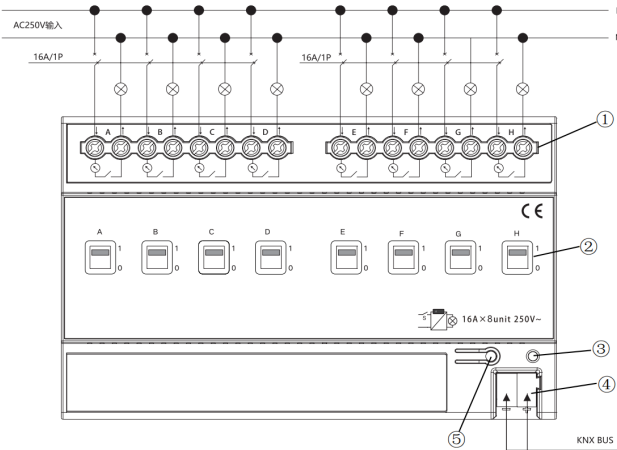
Power supply	Operating voltage	21-30 V DC, obtained through EIB bus	
	EIB / KNX current consumption	< 12 mA	
	EIB / KNX power consumption	Max. 360 mW	
Output	No. of channels	8	
	Un rated voltage	250VAC (50~60Hz)	
	In rated current	16A	
	Max. switching current	20A/250VAC	
	Max. load consumption	2W	
	Current detection range	50mA-16A	
Output life	Current detection accuracy	±5%和±20mA	
	Mechanical life	>10 ⁶ time	
	Electrical life	>104 time	
Output time	Single relay operation term	55ms	
	Delay time after start up	30ms	
	Delay time after start up shutdown	25ms	
Wiring	EIB / KNX	Terminal connection(red/black) (0.8mmØ.)	
	Load connection terminals	Connect with copper posts with screw terminals	
Operation and Instructions	Red LED and button	Assigning physical addresses	
	Green LED blink	Indicates that the device application layer is working properly	
	Contact position indication	Contact point close-channel open Contact point close-channel close	
Temperature range	Operate	- 5 °C ... + 45 °C	
	Storage	- 25 °C ... + 55 °C	
	Transportation	- 25 °C ... + 70 °C	
Environmental conditions	Humidity	<93%, except condensation	

Dimension



Dimension	Weight
144x 90 x 64mm	Around 0.24KG

Wiring Diagram



Instruction

- ①Load wiring terminal,a total of 4channels(switch strong current)
- ②Load manual control switch
- ③The red LED indicates entering the physical address programming state and the green LED flashes to indicate that the device application layer is working normally
- ④KNX EIB bus connection terminal
- ⑤Programming button

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 alittle soap solution to gently wipe, do not use alkali or corrosive solvents.