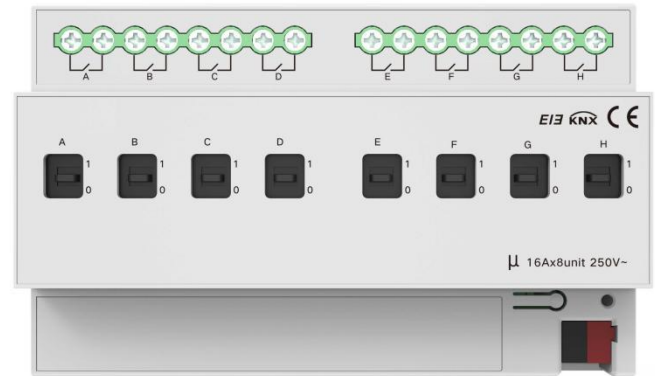


### Product Introduction

The 8-gang KNX switch module supports a maximum load of 16A per gang, making it ideal for lighting and device control in both residential and commercial scenarios. It can seamlessly integrate with other devices via the KNX protocol for coordinated control.

### Features

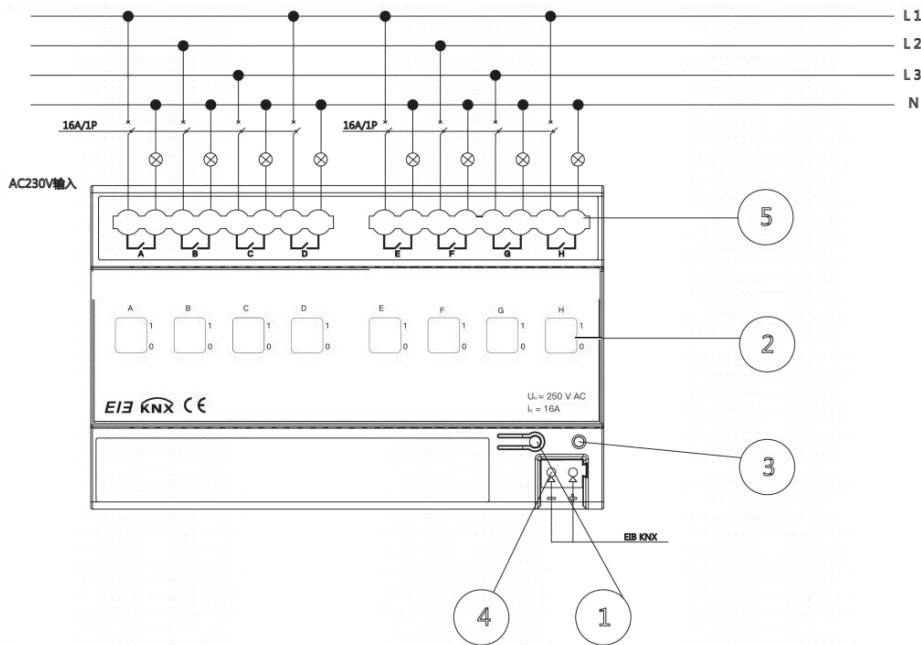
- Supports manual control directly on the device
- Staircase lighting function
- Delay setting options
- Power-off memory function



### Specification

- Product Model: KXAC-B1R8A16
- Bus Voltage: 21 ~ 30VDC
- Bus Current: < 20mA
- Bus Consumption: < 0.6W
- Communication Method: KNX
- Control Units: 8
- Rated Voltage: 250V/440VAC, 50/60Hz
- Single Channel Load Limit: Max 3680W
- Working Temperature: -5 ~ 45 °C
- Working Humidity: 0 ~ 93%RH  
(non-condensing)
- Output Switching Current:
  - Complies with AC1 (EN60947-4-1) (resistive load), 20A/230V
  - Complies with AC3 (EN60947-4-1) (inductive load), 16A/230V
  - Complies with EN60669 for fluorescent lamp load, 16A/230V
- Connection:
  - EIB / KNX: Bus Connection Terminals (diameter 0.8mm)
  - Load Output Connection Terminals: Screw Terminals  
(Cable Cross Section: Single Core 1—6.0mm<sup>2</sup>、Multi-Core 1—4.0mm<sup>2</sup>、Torque: Max 0.6Nm)
- Product Dimensions: 144×90×64mm
- Certification: CE、EIB/KNX

## Wiring Diagram



Description:

- ① Programming button
- ② Manual operation switch
- ③ Red LED indicates entering physical address programming mode, greenLED flashing indicates the device's application layer is working properly
- ④ EIB/KNX bus connection terminals
- ⑤ Input, output, load terminals

## Product Dimension Diagram (mm)

