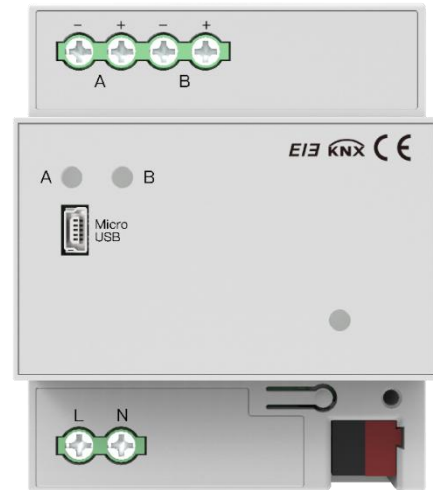## Product Introduction

This KNX DALI gateway supports both DALI and DALI-2 systems and features 2 DALI outputs, each capable of connecting up to 64 DALI devices. It supports mixed configurations of DT6 and DT8 devices on each output. The gateway is powered by a wide voltage range and includes a 250mA DALI bus power supply for each channel, eliminating the need for an additional DALI bus power source and greatly simplifying the wiring.
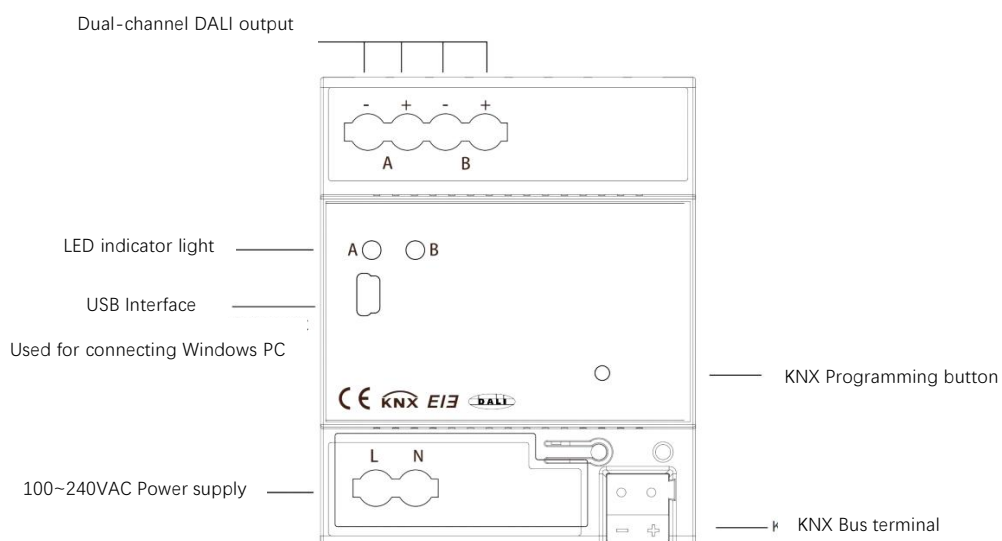
Features

- Dual-channel DALI control, with up to 64 devices per channel

- Support DT6, DT8 Tc, DT8 XY, DT8 RGB

- Wide voltage range design with integrated DALI bus power supply

- DIN rail mounting

Specification

- Product Model: KXAC-B1DD2

- Input Voltage: 21 ~ 30VDC（KNX Bus)

    100~240VAC, 50/60Hz (for DALI control)

- Consumption Current: <10mA (KNX Bus)

    <48mA (Mains)

- Power Consumption: <210mW (KNX Bus)

    <11W (Mains)

- Output Channels: 2

- Maximum Supply Current Output: 2×250mA

- DALI Device Quantity: 64 per channel

- Supported Device Types: DT6, DT8 Tc, DT8 XY, DT8 RGB

- DALI Voltage Output: 16VDC

- Working Temperature: -5 ~ 45°C

- Working Humidity: 0 ~ 93%RH (non-condensing)

- Connection:

EIB / KNX: Bus Connection Terminals (diameter 0.8mm)

DALI output/mains：Screw Terminals

 （Wire Range: 0.5-2.5mm² ,Torque:0.8N.m)

Product Dimensions: 90.1×72×66.4mm

- Installation: 35mm DIN rail

Wiring Diagram

Dual-channel DALI output

LED indicator light

USB Interface

Used for connecting Windows PC

KNX Programming button

100~240VAC Power supply

KNX Bus terminal

Product Dimension Diagram (mm)

72

90

64,1