KNX DALI Gateway

Safety instructions

For keeping everyone safe while installing electrical equipment, it's really important to hire a qualified electrician. They should follow all the rules and safety guidelines of the country when doing the installation. If they don't follow these instructions, it could cause problems like the equipment not working properly, or even fires and other dangerous situations. So, it's best to be careful and follow the right procedures.

The permissible maximum load peer device must not be exceeded

These instructions are an integral component of the product

Product description

➤ Connects KNX bus and DALI bus

➤ Integrated power supply for DALI line

➤ Connect up to 64 DALI devices to the DALI output

➤ Devices supports electronic ballasts, transformers, LED drivers, ECK

➤ Controls 16 DALI groups, stores 64 Individual ballasts and 16 DALI Scenes

➤ Configure each group for steady light, corridor lighting, and sequence functions

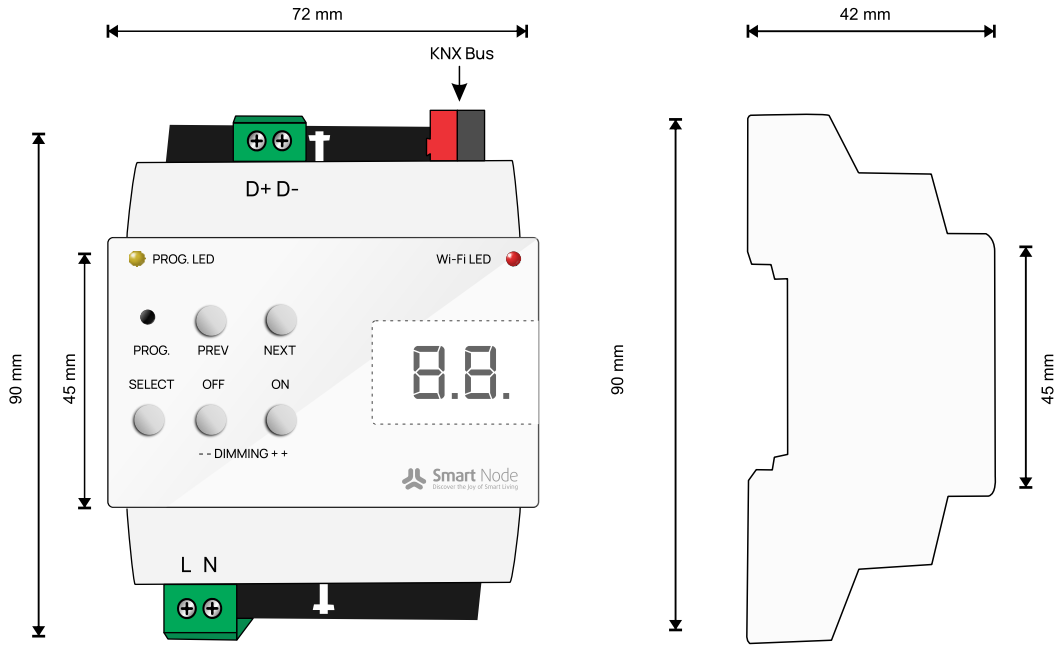➤ Manages DALI ECK devices by downloading test schedules, triggering tests, monitoring results

Product Features

➤ Suitable for 64 DALI appliances, 16 scenes and 16 groups

➤ Automatic DALI short addressing

➤ Change the damage ballast only in the DALI bus without changing any other DALI configuration

➤ Supports delay in switching and fading time of light

➤ Supports tuning and dimming

➤ Supports pre-defined temperature or last state temperature switching

➤ Fail safe data commissioning

➤ Reinforced isolation between DALI and KNX

➤ Manual buttons to operate individual ballast, scene or group with all on and all off feature

➤ Support schedule up to 64 count for Individual ballast, scene and group
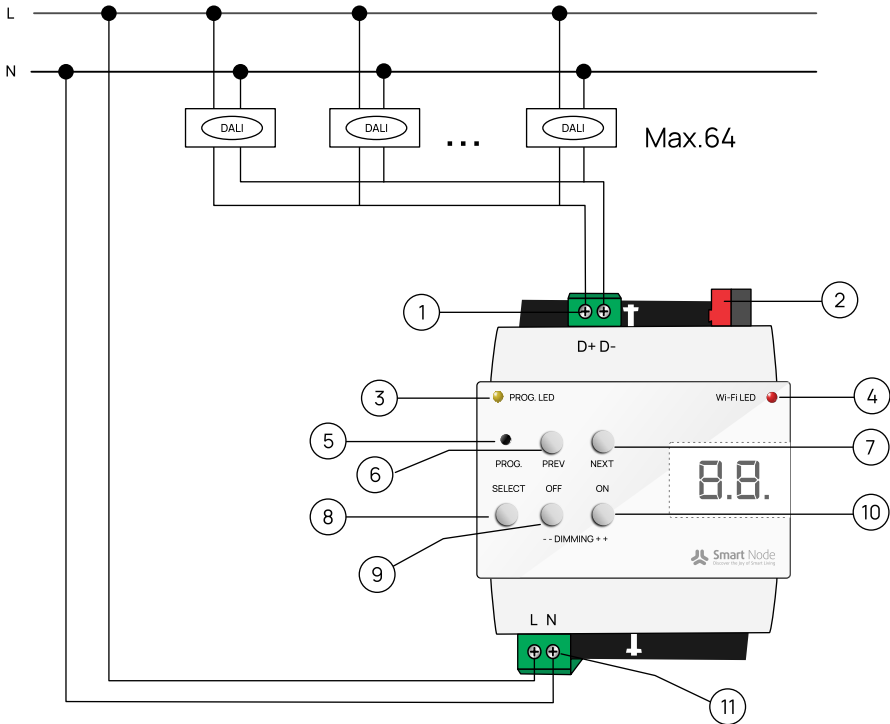
➤ Built-in isolated DALI power supply

Technical specifications

KNX bus voltage	Bus voltage, ≤10 mA
Voltage power	85-300 VAC@50-60Hz Max.
Power consumption	Max. 8W
Current consumption	100mA @ 85V AC
Switching voltage	30V DC, provided by KNX bus
DALI supply	16V DC typical max. 90mA
Type of connection	KNX bus terminal
Ambient temperature	- 5°C... +45°C
Storage temperature	- 25°C...+ 55°C
Transport temperature	-25°C...+70°C
Humidity	95% no moisture condensation
Color	White

Scale drawing

KNX DALI Gateway Wiring

1. DALI Bus
2. KNX Bus
3. KNX Programming mode LED, Yellow
4. Wi-Fi connection LED, Red
5. KNX Programming button
6. Previous mode selection
7. Next mode selection
8. Mode selection button
9. Light off
10. Light on
11. Mains connector