



KNX DALI GATEWAY

KNX.S.DGD6401.1



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Product Description

Product Overview :-

Model Number: KNX.S.DGD6401.1

Description:

- Connects KNX Bus and DALI Bus.
- Connect up to 64 DALI Devices to the DALI output.
- Devices supports electronic ballasts, transformers, LED drives, 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.
- Replace damaged ballasts in the DALI bus without altering the existing configuration in case of ballast failure.
- Supports delay in switching and adjustable fading time of light.
- Supports tuning and dimming for precise lighting control.
- Supports pre-defined temperature setting or last state temperature switching.
- Fail-safe data commissioning.
- Reinforced isolation between DALI and KNX.
- Manual control buttons for operating individual ballasts, scenes, or groups, with "All On" and "All Off" functionality.
- Supports up to 64 schedules for individual ballasts, scenes, and groups.

Technical Details

Technical Specification:-

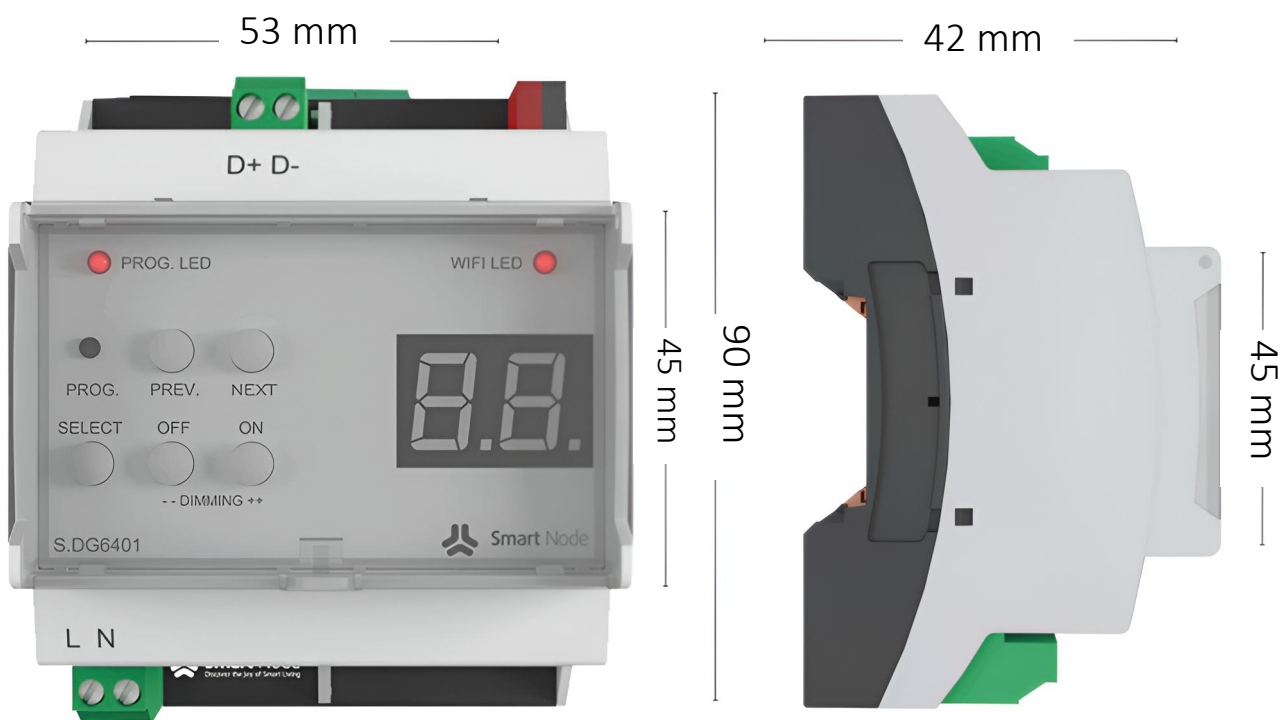
KNX Bus voltage	Bus voltage, ≤10mA
Voltage power	85-300 VAC@50-60Hz Max
Max. Power Consumption	8W
Current Consumption	100mA @ 85V AC
Switching Voltage	30VDC, provided by KNX bus
DALI Supply	16VDC typical max. 90mA
Type of connection	KNX Bus Terminal
Ambient Temperature	-5°C to +45°C
Storage Temperature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

Installation

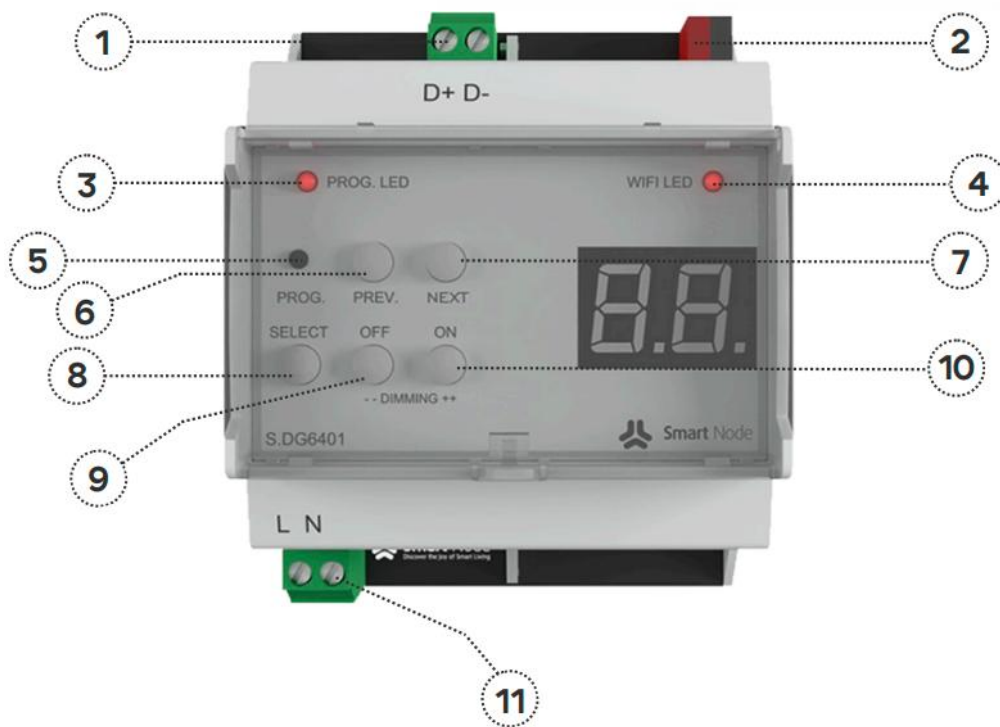
Safety Information:-

- For keeping everyone safe while installing electric 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 device must not be exceeded.
- These instructions are an integral component of the product.

Dimensions:-



Wiring Diagram:-



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

