



Smart Node

Simplify Your Smart Living



Datasheet KNX DALI GATEWAY KNX.S.DGD6401.1

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Smart Node Automation



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Product Info

Product Name: KNX DALI GATEWAY

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.

Features

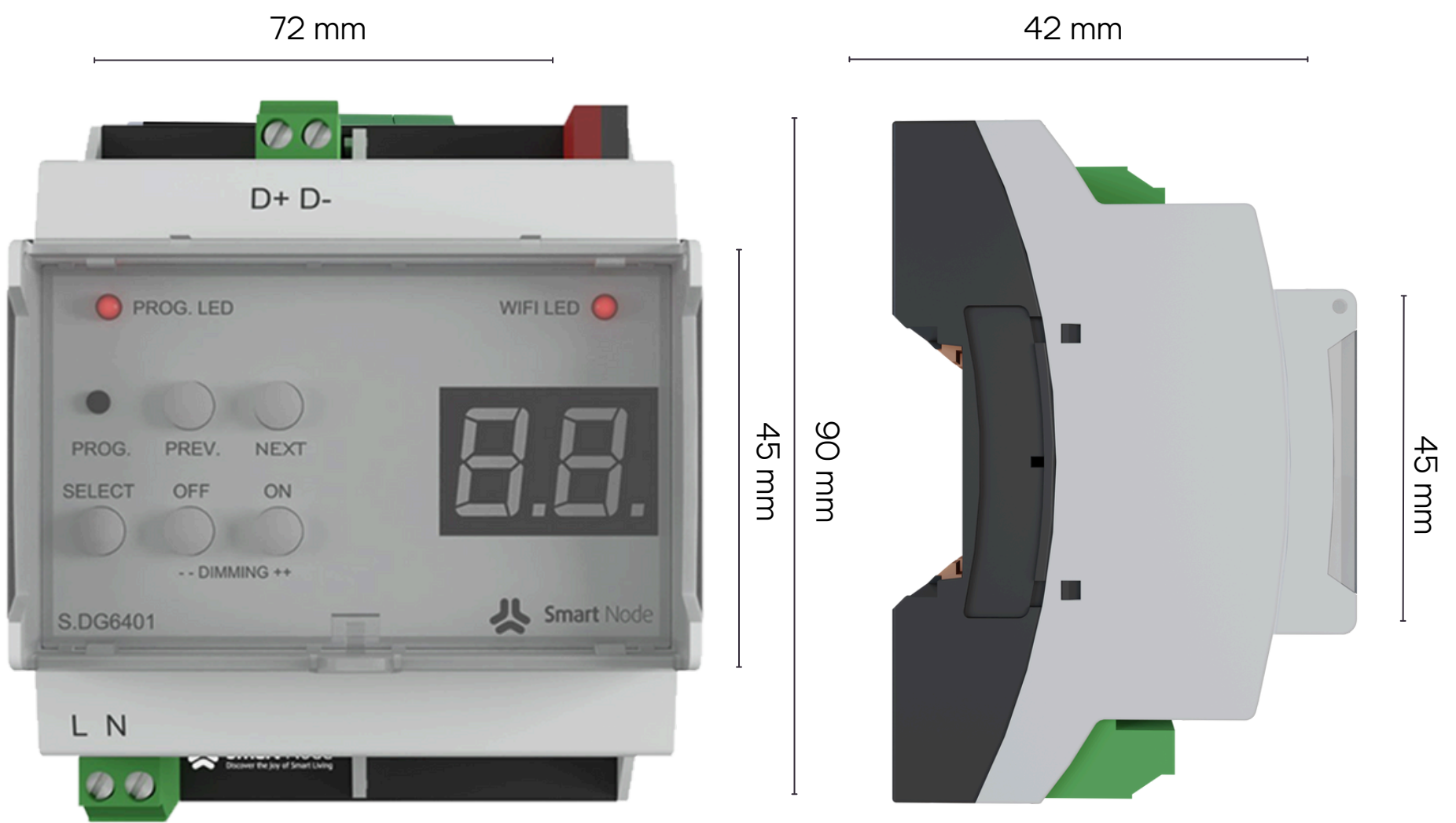
- Suitable for 64 DALI appliances, 16 scenes and 16 groups.
- Automatic DALI short addressing.
- Change the damage ballast only in the DALI bus without changing any other DALI configuration.
- Supports delay in switching and fading time of light.
- Supports tuning and dimming.
- Supports pre-defined 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.

Specifications

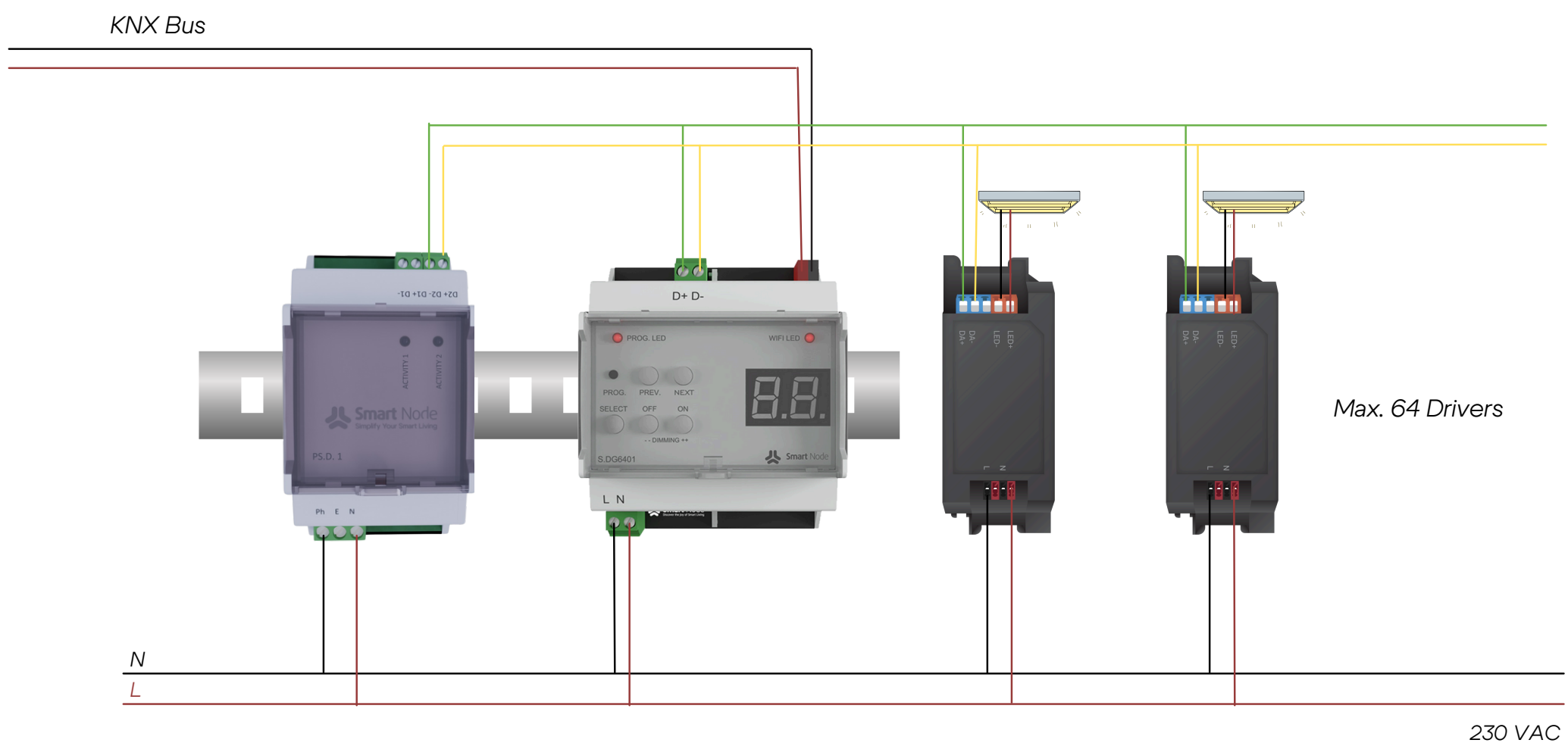
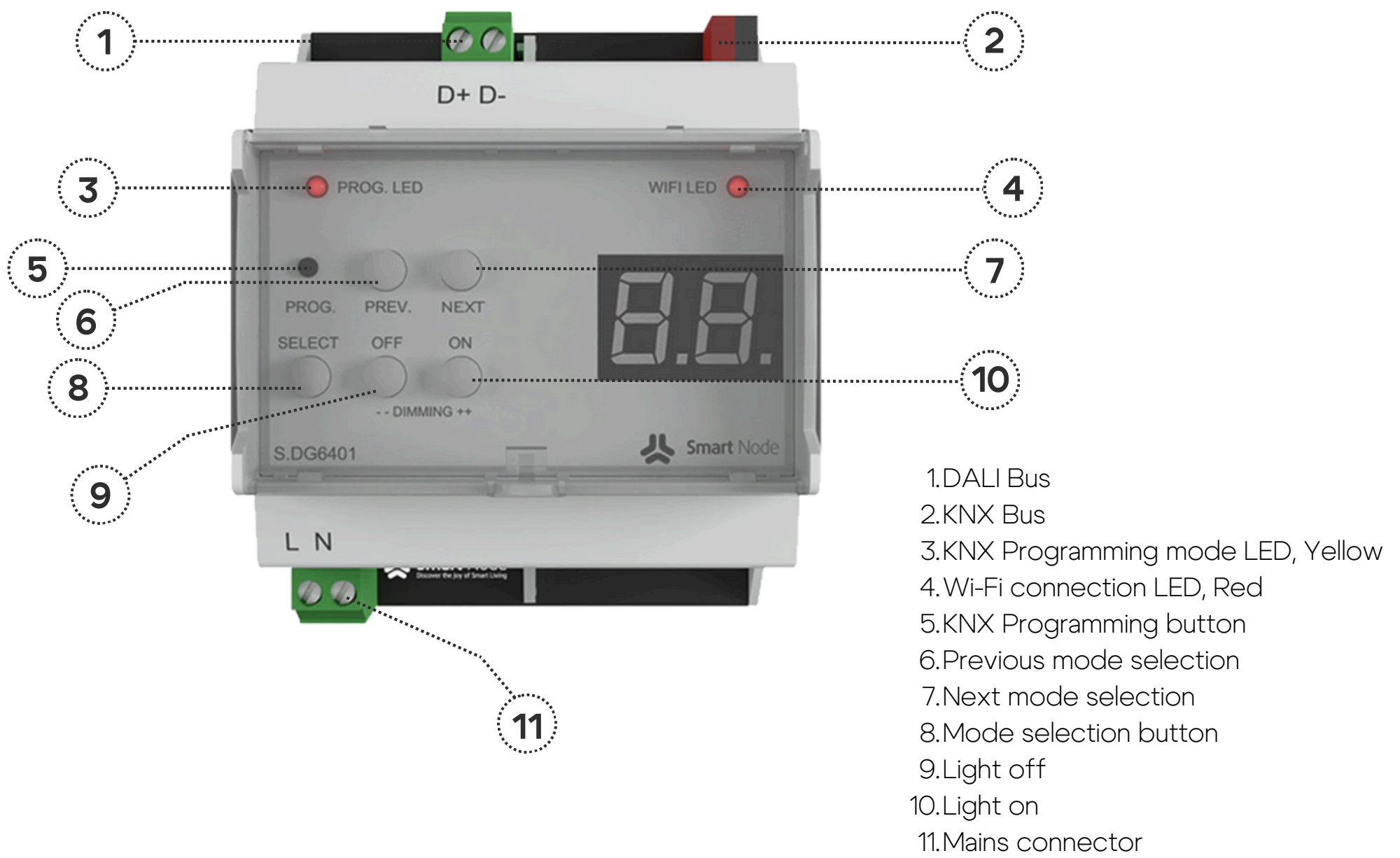
Product Technical Details:-

KNX Bus Voltage	Bus voltage, $\leq 10\text{mA}$
Voltage power	85-300 VAC@50-60Hz Max
Power Consumption	Max. 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

Dimension



Wiring



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.