

General description

GW611100 is a device used for control interface between DALI protocol lights and KNX devices.

It allows to control up to 64 DALI lights and 16 DALI groups, including an integrated power supply for them.

It is possible to control configured DALI lights or groups through other KNX devices like touch panels, pushbuttons, etc. For each DALI light, this gateway has available the most common functions of dimming, switching, setting brightness values, light scenes and also feedbacks of DALI errors.

Characteristics

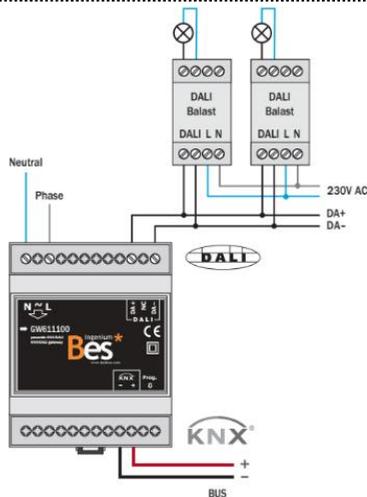
- Control up to 64 DALI individual lights and 16 DALI groups
- Full functionalities for each light: dimming, switching on/off, setting brightness values, light scenes and failure feedbacks.
- No additional* DALI system devices required such as DALI controllers (*additional DALI power supply sources may be required depending on the number and model of the ballasts).
- DALI addressing and commissioning functions: off-line and on-line modes.
- On-line test functionalities for individual light localization and check.
- Possibility to control DALI standard ballasts or DALI emergencies (extended parameters).

Technical information

Main power supply	230V _{AC}
Max. Power consumption	0,5W @ 230V _{AC}
KNX supply	29V _{DC} from BUS KNX
BUS consumption	30mA from BUS KNX*
Connections	KNX connecting terminal bus Screw terminal block for power and DALI bus
Mounting /size	DIN rail / 4 modules
Environment temperature range	Operation: from -10°C to 55°C Storage: from -30°C to 60°C Transportation: from -30°C to 60°C
Regulation	According to the directives of electromagnetic compatibility and low voltage. EN 50090-2-2/UNE-EN 61000-6-3:2007/UNE-EN 61000-6-1:2007/UNE-EN 61010-1 61000-6-1:2007 / UNE-EN 61010-1

*Equivalent to 6 KNX BUS devices (1 KNX BUS device = 5 mA)

Installation



Observations

Install low voltage lines (KNX bus and inputs) in a ducting separated from the power (230V) and output lines ducting to ensure there is enough insulation and avoid interferences.

Do not connect the main voltages (230V) or any other external voltages to any point of the KNX bus or inputs.

QR Code

