



# HYPERTOUCH

EMOTIONAL SURFACES

A BRAND OF  IRIS CERAMICA GROUP

## BXICG-DALI

Gateway KNX / DALI

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KNX / DALI gateway allows you to control a DALI line via KNX communication objects. The gateway is a category I control device, consisting of a MASTER DALI unit complete with integrated power supply to control up to 64 SLAVE DALI devices.



It allows switching and dimming of DALI ballast devices, with the possibility of individually controlling up to 64 units or in groups of up to 16. The gateway is able to notify on the KNX bus also the single error messages of each ballast or lamp connected.

The operation of a DALI line requires the MASTER device to recognize the connected SLAVE devices and assign them an identification for managing communications. This DALI Line configuration procedure can take place automatically by pressing the programming button on the front of the device or manually by assigning the individual addresses to each DALI SLAVE from ETS.

Manual configuration is a very convenient procedure during maintenance if you need to replace a single DALI component without changing all the addresses already assigned. BX-DALI is a device for DIN bar (35mm) that occupies 4 modules, equipped on the front panel with a button for automatic programming of the DALI bus. The operating parameters are fully configurable from ETS (starting from version 4).

## TECHNICAL DATA

Power supply voltage	100-240 V AC/DC, 50/60 Hz
Outputs	DALI D+, D-, 16-18 V DC (basic isolation, not SELV), 250 mA max, short circuit proof
Interface	KNX, DALI
Type	Category I control device (single master)
Cable range	power supply or DALI: 1.5-2.5 mm <sup>2</sup>
Grado di protezione	IP20
Enclosure	4 modules = approx. 72 mm
Device width	bus connection terminal

## OPERATING PARTS AND INSTALLATION

1. **Master DALI** Here the terminal blocks to connect DALI bus. Polarity is not recommended.
2. **DALI Inventory push button** Press this button for 8 second to start the inventory of DALI bus. Data results are available on KNX object 500, 501 and 503.
3. **DALI Monitor LED** This LED can blink to show DALI activity. Fast blinking is during Inventory.
4. **KNX PRG push button** Press this button to start recognizing during ETS addressing device.
5. **KNX Program LED** This red LED is ON during recognizing procedure. It can blink to show when program is not present.
6. **KNX Input** Here the terminals to connect KNX bus. Warning to the polarity.
7. **Power 100-240VAC** Here the terminal block to connect the power grid.

## DATA SHEETS



Operating Instructions  
for authorized electricians

## IMPORTANT SAFETY NOTES

Installation and commissioning of the device can only be carried out by authorized electricians. The relevant standards, directives, regulations and instructions must be observed. The device has the CE mark.