

## General description

Gateway for the integration of LG air conditioning systems with the BUSing® system. Direct connection to LGAC device BUS (2 wire with polarity). It allows to control one indoor unit. It permits to individually control the setpoint temperature, the measured temperature, the operation mode of the units (cooling, heating, ventilation, drying or automatic) and the ventilation speed (low, medium, high).

## Technical information

**Supply** – 9 - 16 Vdc from BUS

**Consumption** – 12 mA from BUS

**Mounting** – hidden next to AC unit or ceiling integration

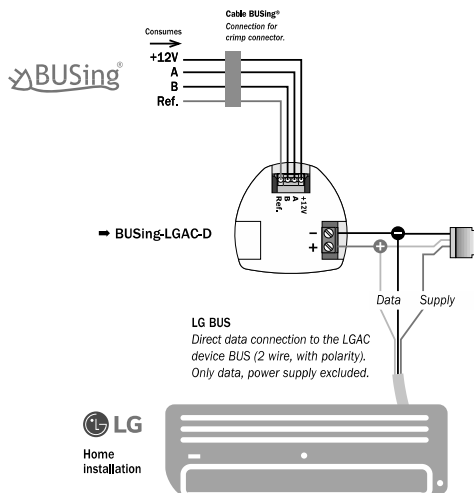
**Size** – 42 x 42 x 15 mm

**Environment temperature range** - Operation: -10°C a 55°C / Storage: -30°C to 60°C / Transportation: -30°C a 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.

Type of connection: to BUS via T connector and crimp connectors. Resistance to residual currents CTI 175. Complementary characteristics Class L. Continuous operation Clean environment Overvoltage immunity category II. Flammability category D.

## Installation



## Remarks

Upload of data generated in the SIDE via BUSing cable.

BUS maximum distance between each device: 300m.

Attention to supply (losses in the cable).

Feed low voltage lines (BUS and inputs) in separate ducting to that of power (230V) and outputs.

Use shielded flexible 4 wires x 0,22mm<sup>2</sup> for the BUS.

## QR Code

