Gateway LG VRF-KNX
GW632100 v1.0

General description

Gateway for the integration of LG VRF air conditioning systems with the KNX system. Direct connection to terminal LG indoor unit.

LG VRF-gateway connection polarity must be respected, being + icon the positive terminal, and – icon, the negative one.
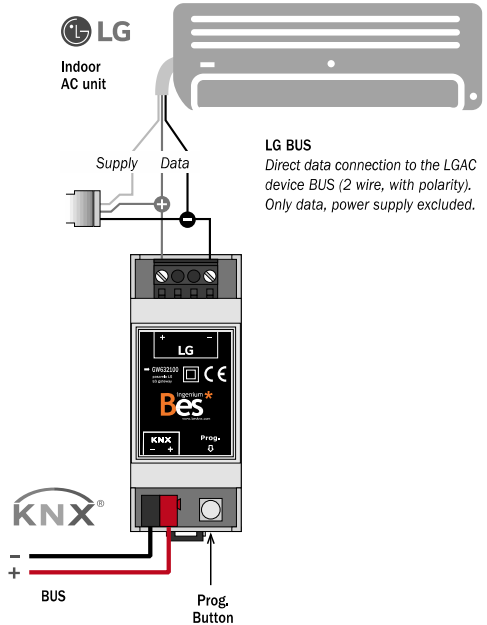
The manufacturer does not assume any responsibility for damage caused by incorrect connections.

Each gateway allows to control one indoor unit: set point temperature, the operation mode of the units (cooling, heating, drying, fan and automatic), the ventilation speed (low, medium, high)

Technical information

Supply	29 Vdc from KNX BUS
Current consumption	20 mA from KNX BUS
Mounting	DIN rail (2 modules)
Connections	KNX connecting terminal bus Screw terminal for LG indoor machine connection Maximum distance recommended for indoor unit connection: 1 m.
Environment temperature range	Operation: -10 ºC to 55 ºC Storage: -30 ºC to 60 ºC Transportation: -30 ºC to 60 ºC
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

Installation

LG BUS
Direct data connection to the LGAC device BUS (2 wire, with polarity). Only data, power supply excluded.

Remarks

Feed low voltage lines (KNX bus and inputs) in separate ducting to that of power (230 V) and outputs to ensure there is enough insulation and avoid interferences.

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

QR Code