

Gateway Mitsubishi-KNX GW631100 v1.0

General description

Gateway for the integration of Mitsubishi air conditioning systems with the KNX system. Direct connection to terminal CN105 of Mitsubishi indoor unit. Each Gateway permits to control one indoor unit.

It allows 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).

Characteristics

- It allows to control one Mitsubishi indoor unit
- It supports 5 operating modes and 3 speeds
- 2 possible connections to Mitsubishi unit: one through a 4 wired mini-connector bundled with the gateway (option 1) and other through the screw terminal with 3 wires (option2)*

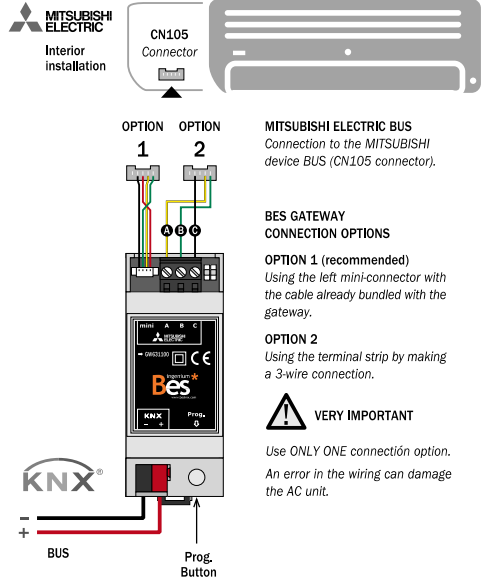
Technical information

Supply	29 Vdc from KNX BUS
Current consumption	20 mA from KNX BUS**
Mounting	DIN rail (2 modules)
Connections	KNX connecting terminal bus Micro connector for CN105 connection (option 1) Screw terminal block for Mitsubishi unit connection (option 2)
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

*Ingenium is not responsible for the damage a bad connection on the screw terminal may cause on the unit, in case of not using the micro connector bundled with the gateway

**Equivalent to 4 BUS devices (1 Bus device = 5 mA)

Installation



Remarks

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

