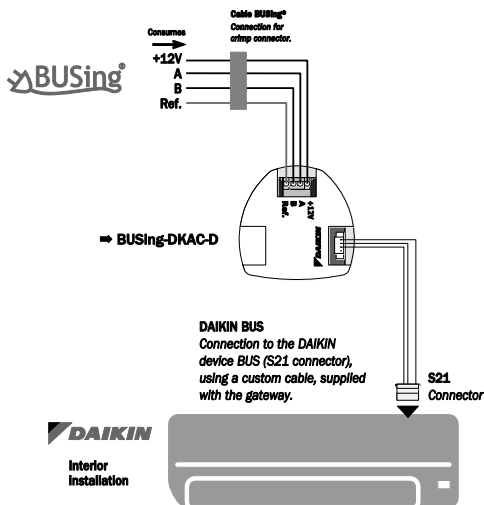


Installation



General description

Gateway for the integration of DAIKIN air conditioning* systems with the BUSing® system. Direct connection to connector S21 through a cable supplied with the gateway. Permits to control one indoor unit.

It allows to individually control the setpoint temperature, the operation mode of the units (cooling, heating, ventilation, drying or automatic) and the ventilation speed (low, medium, high). It must be taken into account that ambient temperature is not notified by Daikin indoor units.

Maximum distance of wiring between gateway and indoor unit is 1 m.

*For further details, compatibilities list must be checked.

Technical information

Supply – 9 - 16 Vdc from BUS

Consumption – 20 mA from BUS

Mounting – 42 x 42 x 15 mm to install in universal distribution boxes.

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.

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 0,22 mm² for the BUS.

QR Code

