



General description

Gateway for the integration of Carrier air conditioning systems from VRF line with the BUSing® system. Direct connection to BUS of TCB-IFMB641TLE interface, which is connected to the outdoor unit through 3 wires with polarity (A, B and ref), being reference connection optional. Besides, the interface must be addressed in address 1 and configured with 9600 bps speed.

It allows to control up to 32 indoor units, which allow 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

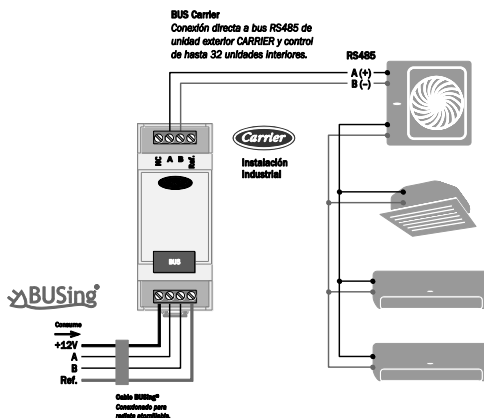
Consumption – 100 mA from BUS

Mounting – DIN rail (2 modules)

Environment temperature range - Operation: -10°C a 55°C / Storage: -30°C a 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. 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 2 wires x 0,5 mm² + 2 wires x 0,22mm² cable for the BUS.

QR Code

