

clima zoning [ZBUS]

➔ RejiBUS-Z

Device to control zone motorized grilles

Allows the control of grilles through the ZBUS zoning system.



- ZBUS connection (two-wire, without polarity)
- Micro-switch for manual zone selection (8 IDs)
- Grilles motor casing mounted
- Size: 77 x 35 x 17mm

ZBUS.

Description

Device to be used with the MasterClima-Z, the central unit of the climate zoning system (ZBUS) of Ingenium.

Allows to control motorized grilles as well as air control in rooms where are installed, which permits a temperature by zones control.

It has two connections to ZBUS (without polarity), and one connection to the motor of the grilles (with polarity).

Through a micro-switch with 3 selectors, located at front, the zone number to which the device belongs is manually assigned (8 IDs). The basic installation scheme indicates the corresponding setup for each zone. (See graph next page).

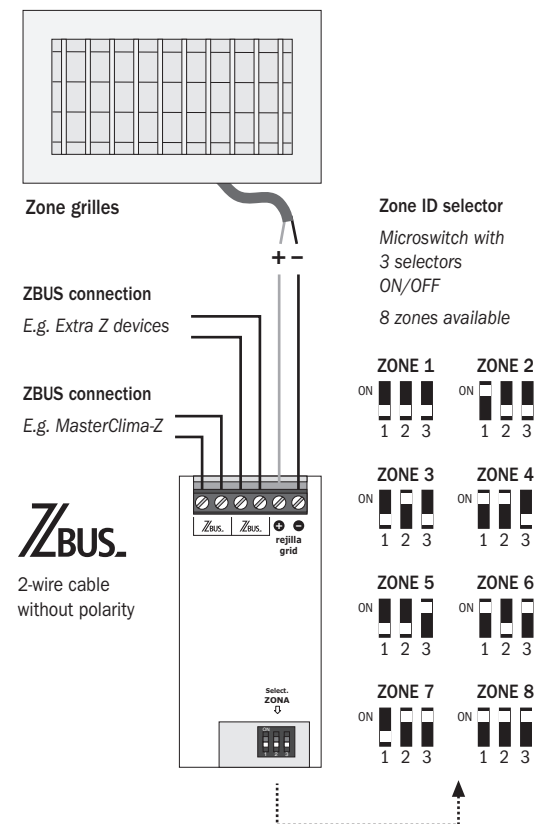
Technical Characteristics

Device Reference	Voltage Supply	Current Consumption
RejiBUS-Z	1.8V DC (ZBUS)	25mA (ZBUS)

➔ RejiBUS-Z

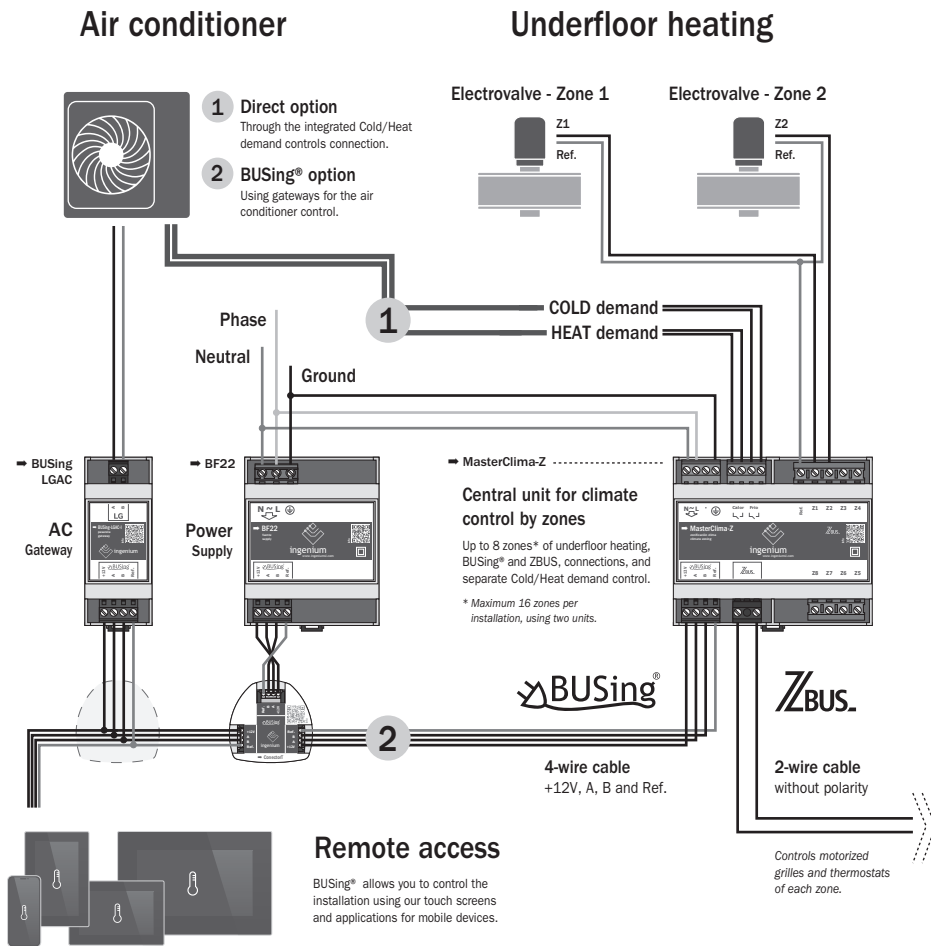
Basic installation

See Clima Zoning Installation scheme in next page



Clima zoning installation [ZBUS]

This page shows an example of climate installation by zones. The central unit, MasterClima-Z, is responsible for facilitating the entire zoning process. It has up to 8 outputs to control the radiant floor; this scheme is showing a connection to 2 zones/electrovalves. There are two integration options for air conditioning (direct or via BUSing®). The ZBUS connection is used for thermostats and motorized grilles, which is detailed on the following page.



Clima zoning installation [ZBUS]

This is an example of the ZBUS branch of climate installation by zones. Here is where the zone thermostats and actuators that connect the motorized grids are integrated. These devices must be compatible with the ZBUS protocol. They have a selector to assign their number/zone ID. The ZBUS is a two-wire connection without polarity, making easier the entire installation process.

