



General description

Device used together with the Masterclima (Ingenium climate zoning system master device) for the control of motorized grids. Due to its small dimensions, it can be installed inside the grille mechanism itself.

Features

- It allows the control of motorized grids of 12/24V DC to control the air in the rooms where they are placed, which allows a zoned control of the temperature.
- It has an output to actuate over the motor of the grilles, which reverses, depending on the operation to be performed (opening/closing), the direction of rotation of the motor.
- Zone selection is done through a selector located on the front of the device.

Technical information

Supply: 18V DC

Current consumption from ZBUS: 20mA @ 18V DC

Minimum working voltage: 14V DC

Dimensions: 77 x 35 x 17mm

Mounting: Inside grid mechanism.

Environment temperature range:

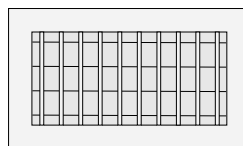
- Operation: -10° to 55°C

- Storage: -30° to 60°C

- Transportation: -30° 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

Installation



Zone grilles

ZBUS connection

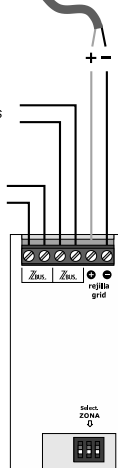
E.g. Extra Z devices

ZBUS connection

E.g. MasterClima-Z

ZBUS.

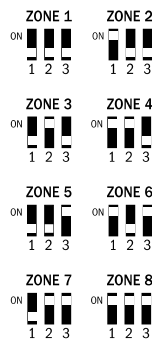
2-wire cable
without polarity



Zone ID selector

Microswitch with
3 selectors
ON/OFF

8 zones available



⚠ Do not connect ZBUS to grilles connection, due to it can harm the device.

Remarks

- Maximum bus distance of ZBUS, from Masterclima to the furthest point: 300m. Attention to power (losses in the cable).
- Feed low voltage lines (ZBUS) in separate ducting to that of power (230V) and outputs
- ZBUS consists of two-wire without polarity with minimum section of 0,75mm². It is recommended at least 1 mm².

Info

