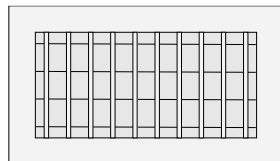




## Installation



Zone grilles

ZBUS connection

E.g. MasterClima-Z

ZBUS connection

E.g. Extra Z devices

**ZBUS.**

2-wire cable  
without polarity



Zone ID selector

Potentiometer  
16 zones

## General description

Device used together with the ZC (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.

## Characteristics

It allows the control of motorized grids of 12/24 V 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 potentiometer located on the front side of the device.

## Technical information

**Supply** – 15 Vdc

**Current consumption from ZBUS:** 20 mA @15 Vdc

**Minimum working voltage:** 14 V.

**Mounting** – Inside grid mechanism

**Dimensions** – 77 x 35 x 17 mm.

**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.

**IMPORTANT:** 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 0,75mm<sup>2</sup>. It is recommended at least 1 mm<sup>2</sup>.

## QR Code

