

## General description

Controller for KNX BUS control by 0-10 V signal with triac output that allows lighting control, as well as electrovalves and other elements controlled by 0-10 V signal.

Designed to obtain a precise digital regulation receiving orders through the KNX bus or from any conventional pushbutton connected to the KNX bus by using long/short pulsations method in the case of lighting control.

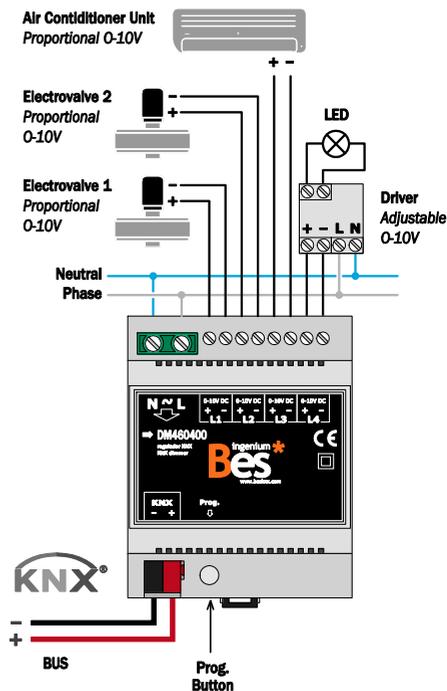
## Characteristics

- 4 regulation channels.
- 8 programmable scenes executed from bus commands
- Overload circuit protection
- Digital regulation control based in microcontroller with more than 250 regulation points
- Logical arithmetic unit (ALU)
- Staircase timer available

## Technical information

<b>KNX supply</b>	29 Vdc from KNX BUS
<b>Consumption</b>	10 mA from KNX BUS (equivalent to 2 Bus devices)
<b>Mounting / size</b>	DIN rail / 4 modules
<b>Connections</b>	Bus connection terminal KNX. Screw block for outputs.
<b>Outputs</b>	4 regulation channel.
<b>Limit per channel</b>	35 mA
<b>Environment temperatura range</b>	Operation: from -10°C to 55°C
	Storage: from -30°C to 60°C
	Transportation: from -30°C to 60°C
<b>Regulation</b>	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



## Observations

Install low voltage lines (KNX bus and inputs) in a ducting separated from the power (230V) and outputs lines ducting to ensure there is enough insulation and avoid interferences.

Do not connect the main voltages (230V) or any other external voltages to any point of the KNX bus or inputs.

## Código QR

