

Dimmer

DM470220 v1.0

General description

DM470220 is a two channel proportional actuator that allows to regulate any kind of lighting up to 200W per channel. Designed to obtain a precise digital regulation receiving orders through the KNX bus or from any conventional pushbutton connected to its low voltage input by using long/short pulsations method.

The regulating ramp speed (on/off lighting) and other dimming characteristics can be configured by programming.

Characteristics

- 2 Regulation channels
- 2 low voltage inputs (SELV) for pushbutton (non programmable)
- 8 Programmable scenes executed from bus commands.
- Remote enable / disable of bus control
- Overload circuit protection and thermal protection
- Digital regulation control based on microcontroller with more than 200 regulation points
- Last position memory in case of power failure

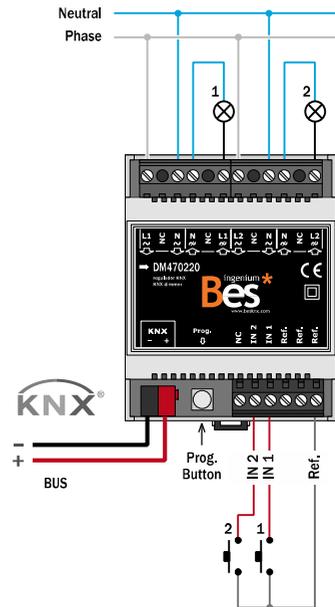
Technical information

Supply	230 Vac
KNX Supply	29 Vdc del bus KNX
Current consumption	5 mA from KNX BUS (equivalent to 1 Bus device)
Mounting/ Size	DIN rail / 4 modules
Connections	BUS connection terminal KNX
Inputs	2 low voltage inputs (SELV) for pushbutton
Salidas	2 regulation channels
Potencia máxima de salida	200 W
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

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.

QR Code

