

Dimmer

# DM470120 v1.1

## General description

DM490120 is a one 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

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

## Characteristics

- 1 Regulation channel
- 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	15 mA from KNX BUS (equivalent to 3 Bus devices)
Mounting/ Size	Integrated on luminaire to false ceiling/ 77x35x17 mm
Connections	BUS connection terminal KNX Screw terminal block for outputs
Inputs	Without inputs
Salidas	1 regulation channel
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

