



General description

The RGBL-K is an electronic constant-voltage 3-channel dimmer that allows to control and regulate general or RGB Leds modules. It has been designed to obtain a precise digital regulation receiving orders through the KNX bus, including the possibility to control each of its 3 channels individually or simultaneously for RGB applications.

Characteristics

3 Regulation channels that can be controlled individually or simultaneously.

Maximum operating output current: 3A per channel.

8 Programmable scenes executed from bus commands.

PWM dimming method.

Overload circuit protection.

Digital regulation control based on microcontroller with more than 200 regulation points.

Last position memory in case of power failure.

Technical information

Input voltage - From +10 to +24 Vdc.

Output power - 3x30W (10Vdc) / 3x78W (24Vdc).

KNX supply - 29Vdc form KNX BUS.

Current Consumption - 5mA from led supply.

BUS connection - KNX connection terminal.

Power/outputs connection - Screw terminal.

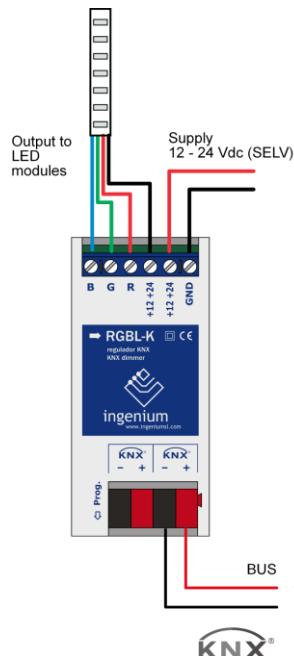
Mounting - Luminaire or ceiling integration.

Size - 77x35x17 mm.

Environment temperature range - Operation: from -10°C to 55°C / Storage: from -30°C to 60°C / Transportation: from -30°C 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



Remarks

Feed low voltage lines (KNX bus and inputs) in separate ducting to that of power (230V) and outputs to ensure there is enough insulation and avoid interferences.

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

QR-Code

