



General description

RGBL is a three channels lighting regulator. Each channel can be individually controlled or simultaneously the three of them. They are controlled via other BUSing devices.

It is recommended for controlling RGB strips, creating different atmospheres thanks to their RGB colours combination.

It is designed to achieve a precise digital regulation. It receives the commands from other BUSing devices.

By means of programming the parameters can be configured for each channel, for instance the ramp speed or the maximum and minimum regulation values.

Capacity

3 Regulation channels (red, green and blue) and an output supply (+12 VDC - +24 VDC) from RGB unit.

The output voltage for feeding the LED strip will be the same as the one the device receives in the input; two wires +12 VDC - +24 VDC and reference (GND).

It is not necessary to connect +12Vdc-Ref to the BUSing socket terminal of the RGBL device. It is only needed to connect A and B and the power supply plugs from the upper part (+12 VDC - + 24 VDC) as well as GND in order to feed and control the device.

Technical information

Supply – From + 12Vdc to + 24Vdc

Output power - 3x30W (12 Vdc) / 3x78W (24 Vdc).

Current consumption – 60 mA from BUS

Maximum operating output current - 3A per channel.

Output – 3 control channels + 1 supply channel.

Mounting - Luminaire or ceiling integration.

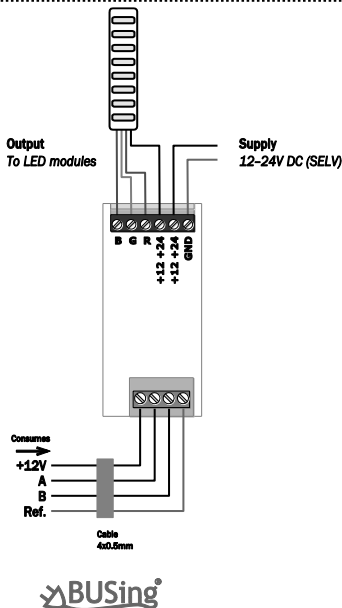
Size – 77 x 35 x 17 mm.

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 (BUS and inputs) in separate ducting to that of power (230V) and outputs.
- Use flexible shielded 2 wires x 0,5mm² + 2 wires x 0,22mm²
- Follow a colour code for the BUS. Our ref: Red +12V, Yellow: A, Green: B, Black: Ref.

⚠ DO NOT INSTALL AND/OR HANDLE IN VOLTAGE. RISK OF FAILURE AND/OR PHYSICAL DAMAGE.

QR-Code

