RGBW Dimmer

RGBWL-C – V1.5

BUSing BUSing CE

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

BUSing

General description

RGBWL-C is a four channels lighting dimmer. Each channel can be individually controlled or the four of them simultaneously. They are controlled by other BUSing devices.

It is suitable for controlling RGBW strips, creating different atmospheres due to RGBW colour 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

4 Regulation channels (red, green, blue and white) and an output supply (+12 VDC - +24 VDC) from RGBWL-C unit.

The output voltage for feeding the LED strip will be the same as the one the device receives in the input; +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 - 4x30W (12 Vdc) / 4x78W (24 Vdc).

Maximum operating output current - 3A per channel.

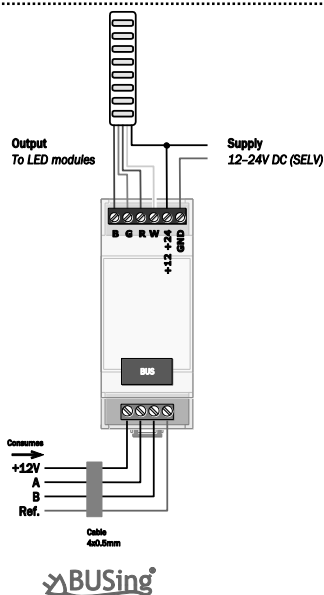**Current consumption –** 60 mA del BUS

Output – 4 control channels + 1 supply channel.

Mounting – DIN rail (2 modules)

Environment temperature range - Operation: from -10ºC to 55ºC / Storage: from -30ºC to 60ºC / Transportation: from -30ºC to 60ºC.

Remarks

-Feed low voltage lines (BUS and inputs) in separate ducting to that of power (230V) and outputs.

-Use flexible shielded 2 wires x 0,5mm^2 + 2 wires x 0,22mm^2

-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