

General description

The RBLED500 is a one channel proportional actuator that allows to regulate LED lightning up to 500W with transformers incorporated or not.

Designed to obtain a precise digital regulation receiving orders through BUSing 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.

Capacity

1 Regulation channel for LED lighting.

1 low voltage input (SELV) for pushbutton (non-programmable).

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

KNX Supply – 9-16Vdc from BUS.

Current Consumption - 40mA from BUS.

Inputs - 1 low voltage input (SELV) referred to an internal reference (minimum activation current 5mA).

Outputs – 1 regulation channel for LED lighting

Maximum load supported - 500W

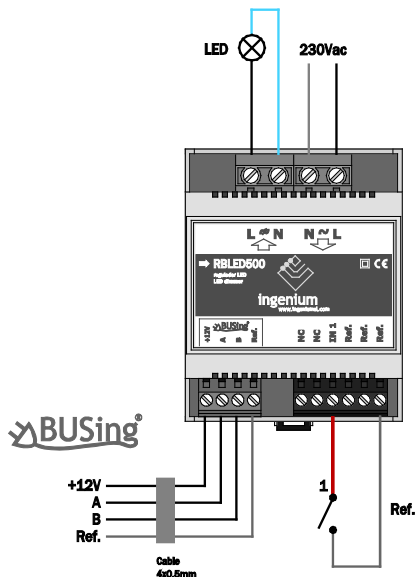
Minimum load required - 7W

Mounting – Din rail, 4 modules.

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



QR-Code

