Graphic control

C-BUS – V1.1

BUSing® BUSing®

CE

General description

C programmable device. It allows to develop programs in C programming languaje to control BUSing devices. It has 8 low voltage digital inputs (SELV) and 8 analogical inputs. It also includes 2 digital potential-free outputs to relay, with cut-off capacity of 10 A, and 2 analogical outputs. Either the inputs or the outputs can be controlled through C language.

Capacity

Its 2 digital potential-free outputs to relay have a cut off capacity of 10. Analogical inputs and outputs work between 0 and 10 Vdc.

Using programming libraries, it is possible to actuate on any of the BUSing devices connected to the installation, as well as connecting any analogical sensor, such as: anemometers, barometers, etc, using available inputs.

Technical information

Supply – 9-16 Vdc from the BUS

Consumption – 100 mA @ 12 Vdc

Mounting – DIN rail (9 modules) or in distribution box (70 mm depth).

Size/Weight – 158 x 89 x 58 mm.

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

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. Connection type: BUS with T connector and crimp connectors. Resistance against residual current CTI 175. Complementary characteristics L Class. Continuous operation. Clean environment. Category of overvoltage immunity II. Category of inflammability D.

Installation
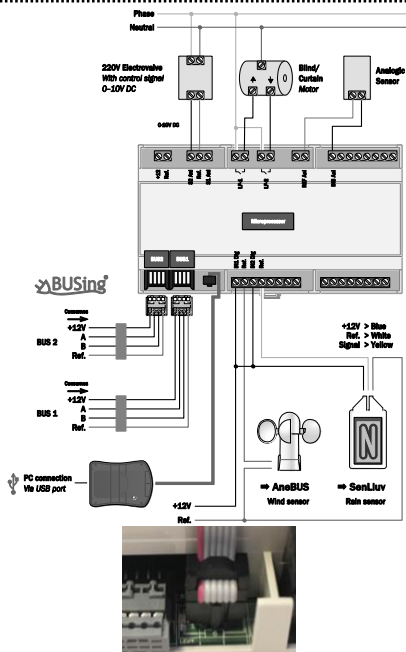
Remarks

Generated data from AVR Studio downloaded through ATMEGA 128 programmer.

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

Use flexible shielded 2 wires x 0,5 mm^2 + 2 x 0,22 mm^2 cable for the BUS.

More info