

MBus_io12_LCD: Programmable Modbus I/O Device with LCD Display

Description:

This full-featured programmable thermostat is specifically designed by our engineers for full compatibility with the MBus_ioFlash software.

It provides unique features, full programmability, easy Modbus integration, all at one of the best performance/price ratio available on the market.

Highlights:

- Licensed for the MBus_ioFlash software.
- High impact plastic enclosure, provides durability in commercial environments
- 8 AI, 4 AO, 4-20mA option, 5 relays
- Real Time Clock
- Photo cell (measures ambient light)



Technical data:

General.....5 relays x 2amps @24V, 8 analog inputs,
4 analog outputs (10V @50ma),
jumper selectable 4-20mA option

Operating temperature..... -30-70°C(-22~158°F)

Supply voltage.....12~24VAC/DC ±20%, 50-60Hz

Power consumption.....100mA at 12VDC

Relay contacts rating.....2A @ 24VDC, 1A @ 24VAC
UL File No.: E43149 CSA File No.: LR26550

Ambient humidity.....10-90 %Rh

Operating Environment.....0 ~ 99% humidity non condensing

Plastic Housing.....Flammability rating UL 94V0 file E194560

Enclosure rating.....IP31

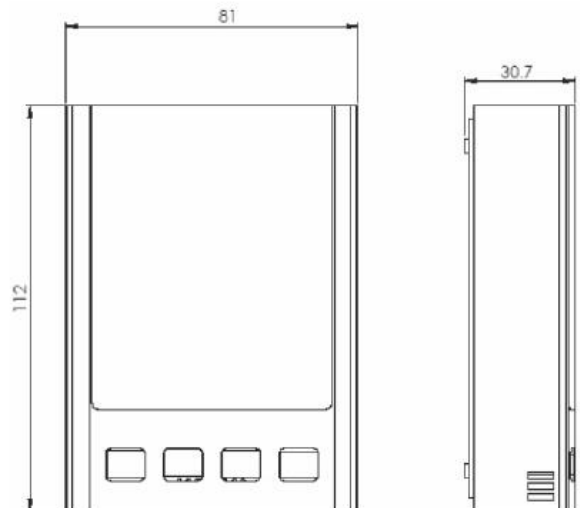
Temperature sensor.....10K thermistor ±0.5°C

Photo cell.....measures ambient light

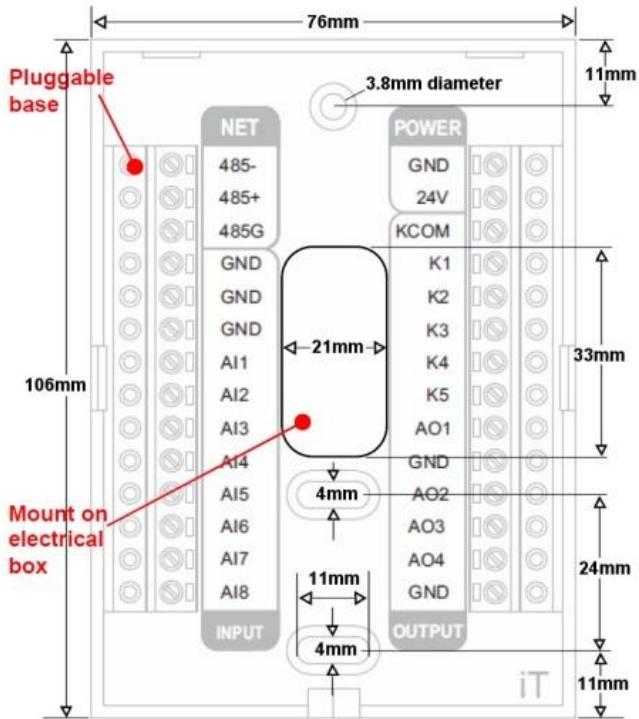
Programmable momentary push-button

Colour.....White/Off-white

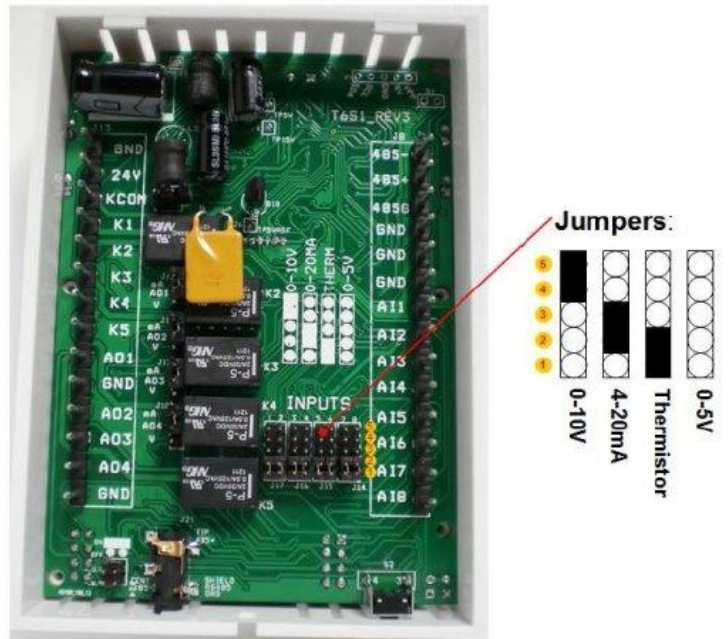
Weight 200g



Base Layout and Dimensions



PCB View and Jumper Settings



Wiring Diagram:

