

iStat6

Programmable wall-mount thermostat

Description:

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

In conjunction with the ControlCore suite, 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 ControlCore programming
- High impact plastic enclosure, provides durability in commercial environments
- 8 AUI, 4 AO, 4-20mA option, 5 relays
- Real Time Clock
- Photo cell (measures ambient light)



Technical Data:

iStatE:

- 5 relays x 2amps @24V
- 8 AUI, jumper selectable (Therm, 0-10V, 4-20ma), dry contact, 12 bit resolution
- AUIs are software configurable as Analog/Digital/Counter/Frequency inputs
- 4 AO, jumper selectable: 0-10V (30mA max) or 4-20mA mode, 10 bit resolution

Default Modbus address:

255

Operating temperature:

-30-70°C (-22~158°F)

Supply voltage:

16~24V AC/DC, 50-60Hz

Power consumption:

100mA at 12VDC

Relay contacts rating

2A @ 24VDC

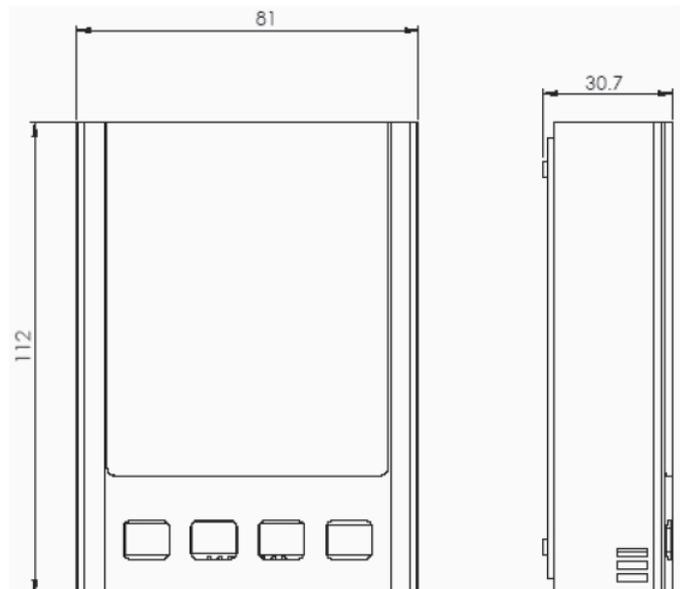
UL File No.: E43149CSA File No.: LR26550

Ambient humidity:

10-90 %Rh

Operating Environment

0 ~ 99% humidity non condensing



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Technical Data:

Plastic Housing:

Flammability rating UL 94V0 file E194560

Enclosure rating:

IP31

Temperature sensor:

10K thermistor $\pm 0.5^{\circ}\text{C}$

Programmable momentary push-button

Supports ControlCore™ and standard Modbus/RTU protocol

RS485 interface 19200 / 8-N-1

User selectable baud rates (9600, 19200, 38400, 57600, 115200)

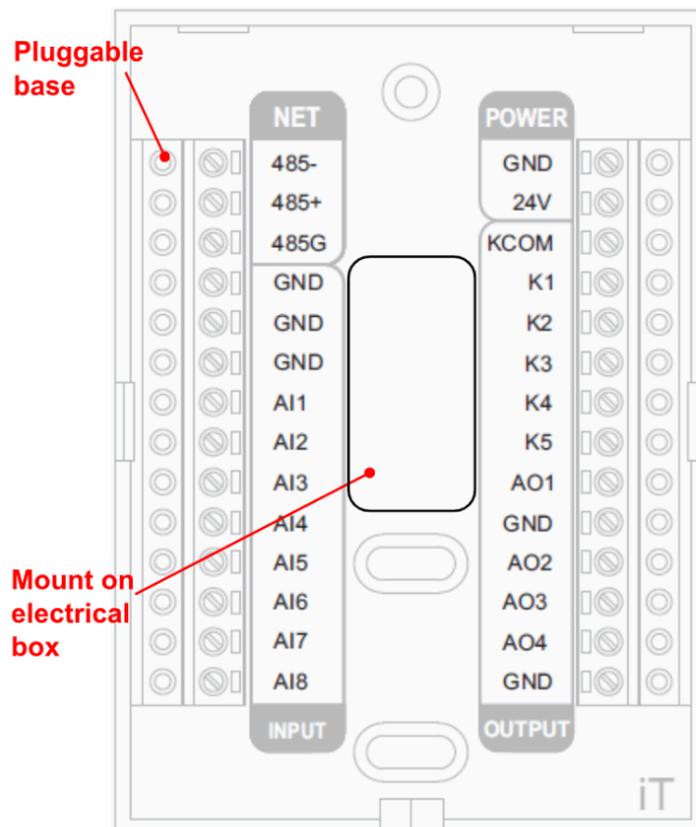
Colour

White/Off-white

Weight

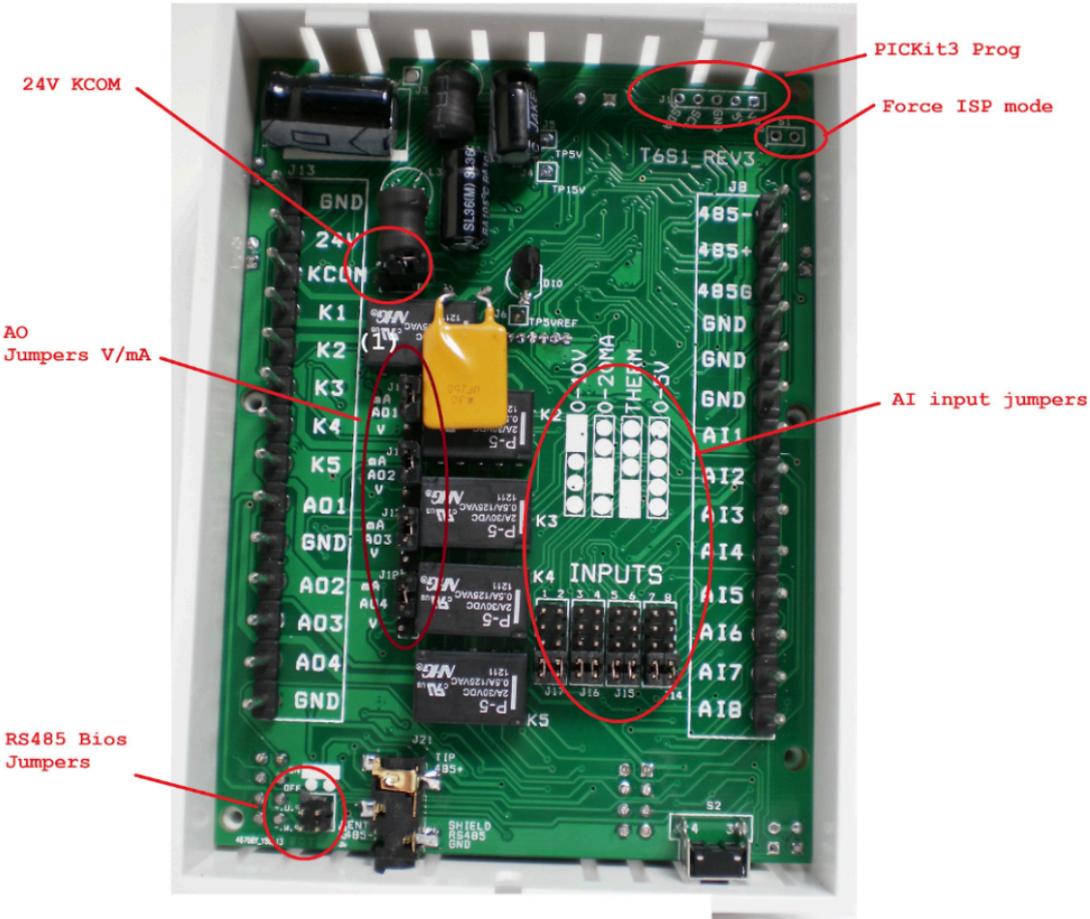
200g

iStat6 board:

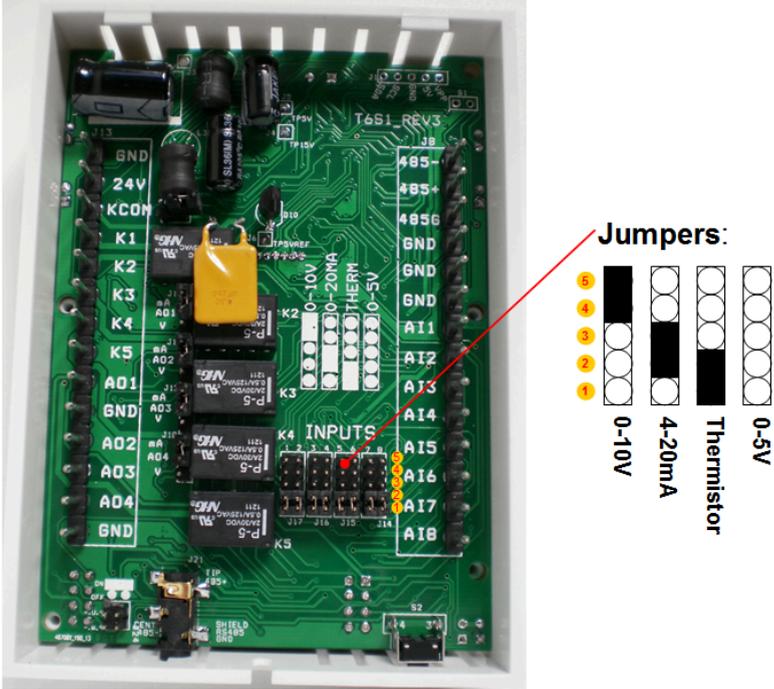


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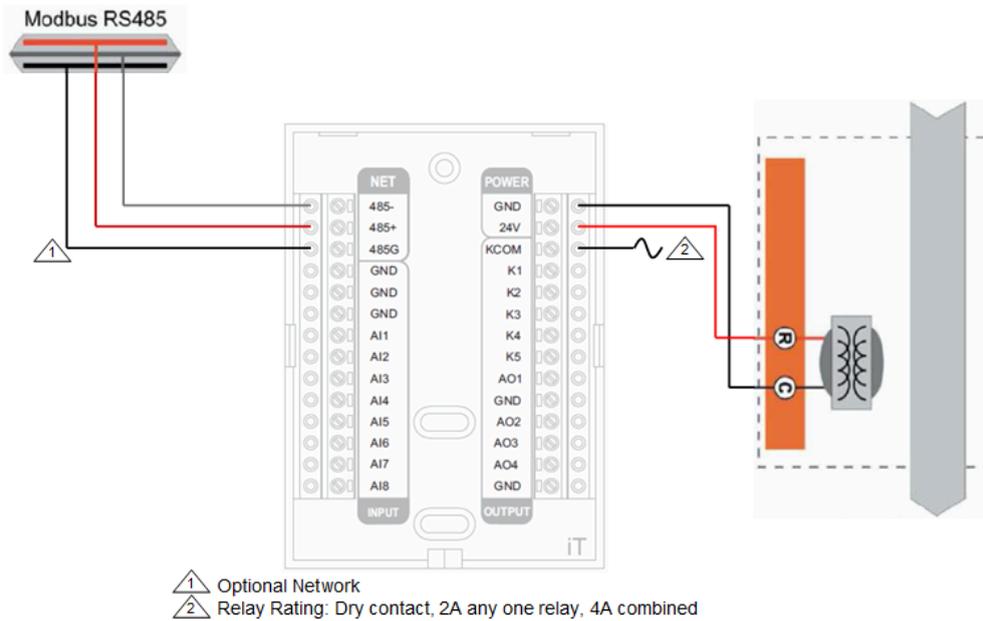
Jumper settings:



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Wiring diagram:



One Year Guarantee and Limitation of Liability:

iSquared Software Inc. warrants to the original purchaser that this product is free from defects in materials and workmanship under normal use and service for a period of one (1) year from the date of shipment from the factory or an authorized sales channel.

iSquared Software Inc.'s liability under this warranty is limited solely to the repair or replacement of defective products. Upon expiration of the warranty period, all such liability shall terminate.