

iMod6-LCD

Programmable DIN-Rail Modbus controller with LCD display

Description:

This full-featured programmable DIN-Rail I/O module featuring a remote LCD display 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

Standard DIN-Rail mount enclosure + panel-mount enclosure for the remote display

10 AUI, 4 AO, 4-20mA option, 8 relays

Real Time Clock

Two RS485 network ports, one communicates with the LCD display

RS485 communication, up to 1,000 feet from the module.

Technical Data:

iMod6:

8 relays x 3amps @24V

10 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

Operating temperature:

-30~70°C (-22~158°F)

Supply voltage:

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

Nominal power consumption:

100mA at 24VDC

Relay contacts rating:

3A @ 24VAC

UL File No.: E238496

Certified to CAN/CSA-C22.2 No. 14: UL File No.:

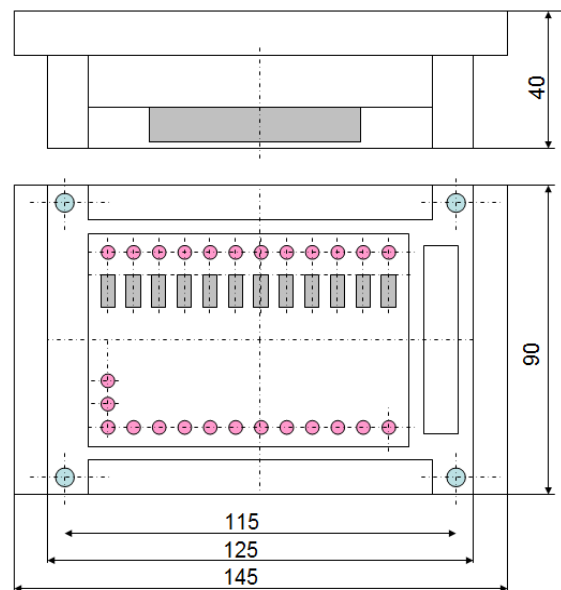
E238496

Operating Environment

0 ~ 99% humidity non condensing

Plastic Housing:

Flammability rating UL 94V0 file E194560



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Real Time Clock

Outputs can be manually switched to ON, OFF, AUTO

Supports ControlCore™ and standard Modbus/RTU protocol

Two (2) RS485 network ports, 19200 / 8-N-1

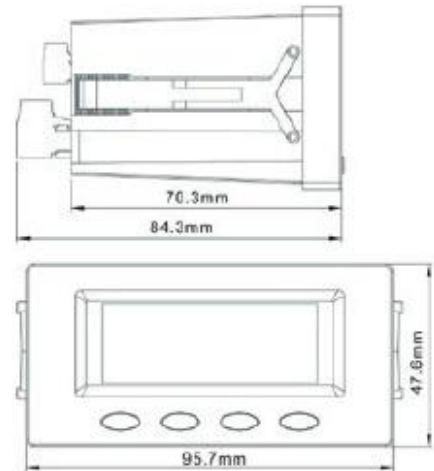
User selectable baud rates (9600, 19200, 38400, 57600, 115200)

Colour

White/RAL9003-Signal White

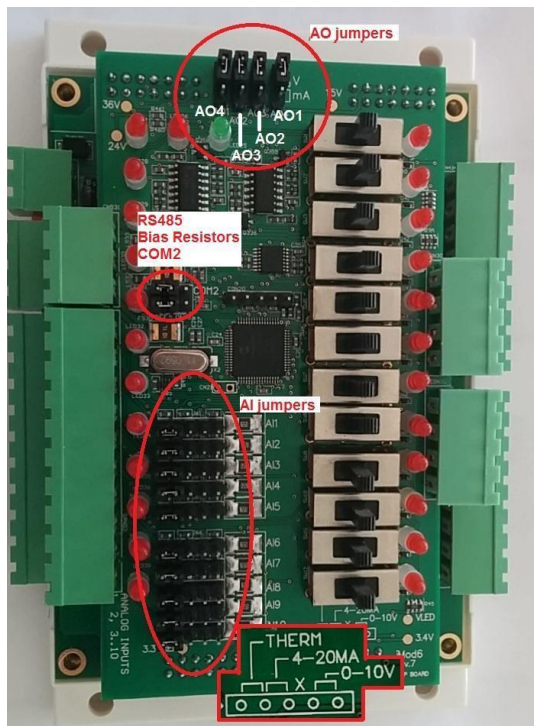
Weight

320g

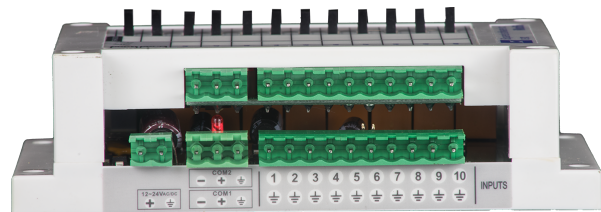


Board, connections and jumper settings:

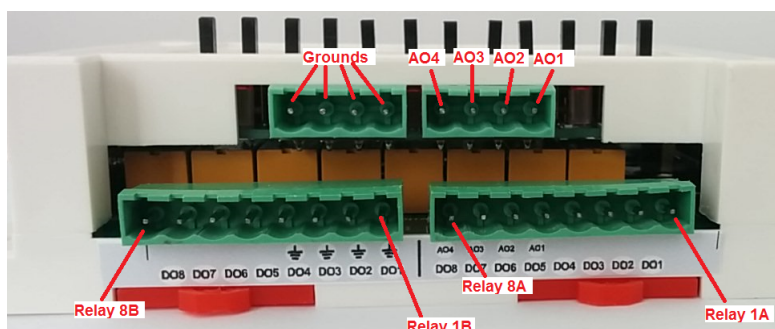
Board:



Inputs:



Outputs:



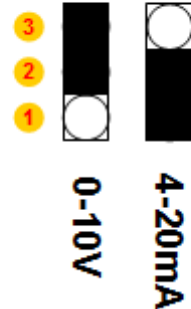
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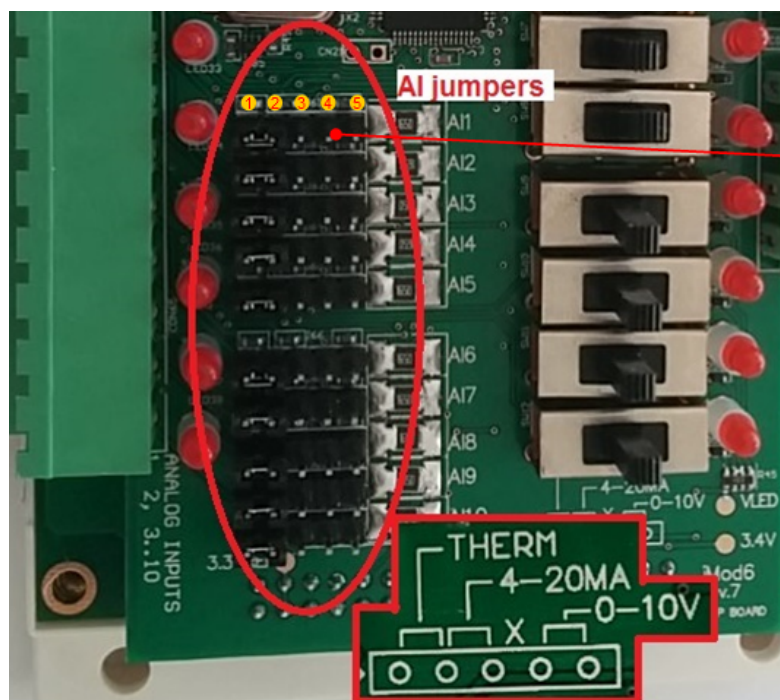
Analog output jumper settings:



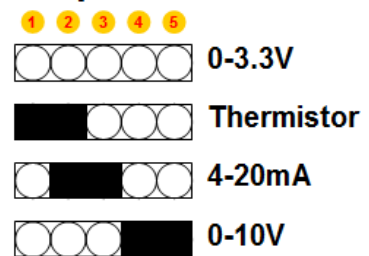
AO jumpers:



Analog input jumper settings:



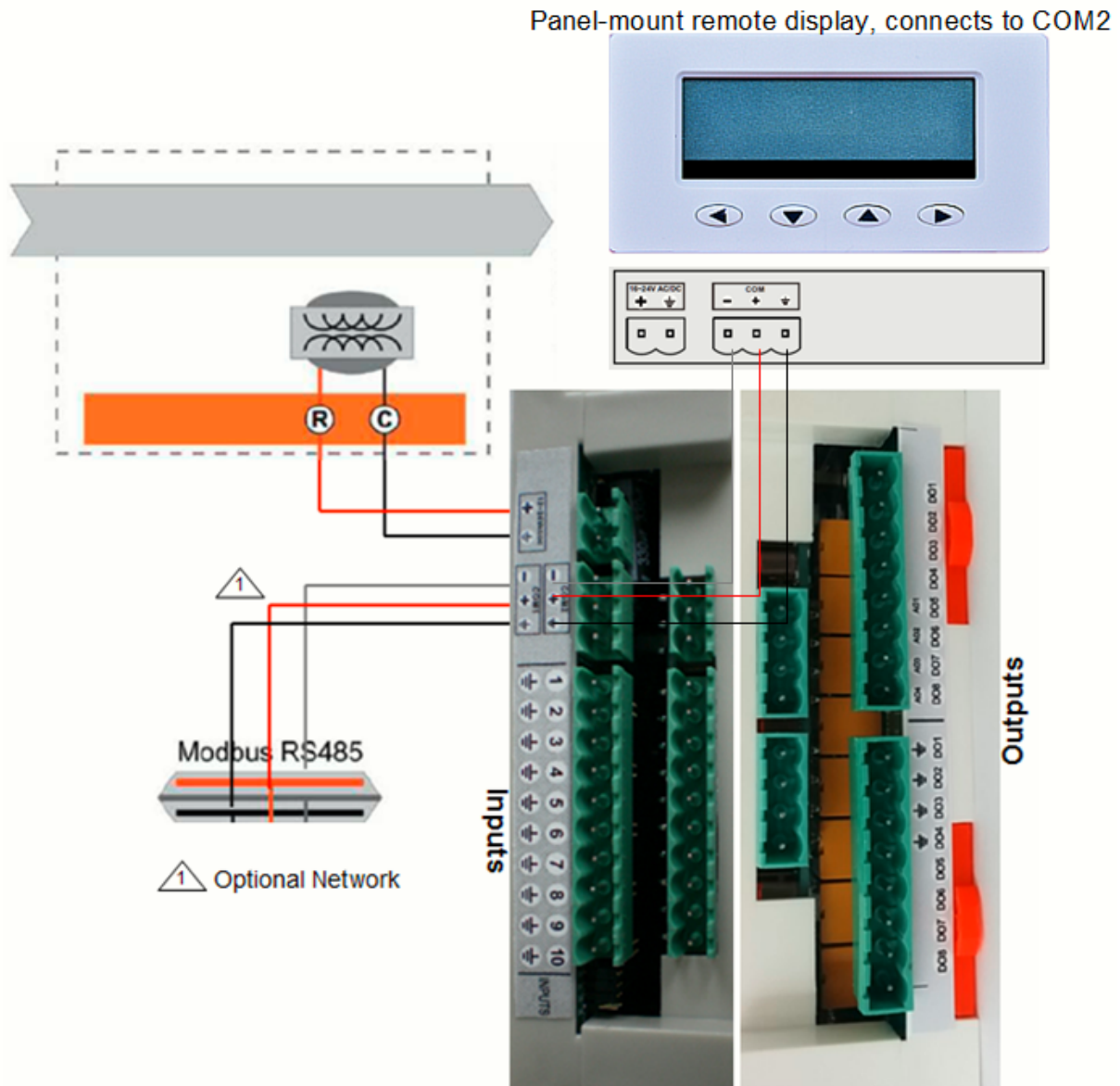
Jumpers:



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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.