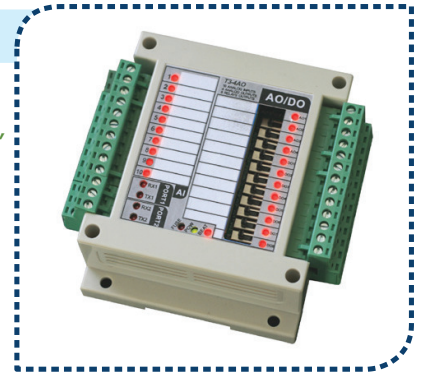


General Description :

The T3 Series are general purpose input / output modules for building integrators. Available in several input/output configurations, the T3 Series modules provide convenient termination for field devices and interfacing to your HVAC, lighting, temperature sensors, and other typical building automation applications. Each of the analog inputs can be jumper configured for signals of either 0-5V, 0-20mA, or dry contact. The outputs are available in dry contacts 1amp/output, 0-10V analog, and PNP sinking. The modules are slave devices that can be easily controlled via the RS485 serial interface using the industry standard Modbus Protocol.



Highlights:

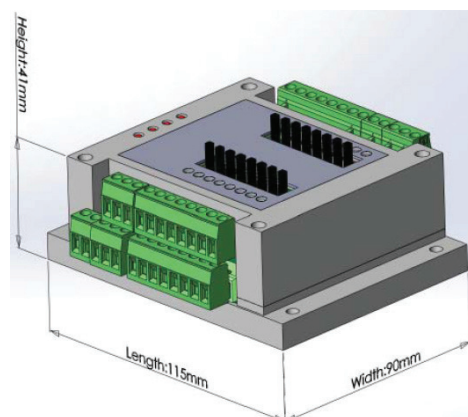
- Surge-Protected Analog Inputs with 10-bit Resolution
- Outputs can Individually be switched to ON, OFF, AUTO
- High Impact Plastic Enclosure provides durability in commercial environments
- Standard Modbus Protocol allows for up to 254 unique devices on one RS485 Network

Performance Specifications:

T3-8AIAO	: 8 Analog Outputs @ 0-10VDC 200mA total, 8 Analog Inputs @ 0-5V, 0-20mA, Dry
T3-32I	: 32 Analog Inputs @0-5V, 0-10V, 0-20mA, Dry
T3-8I13O	: 13 Dry-contact relay outputs x 2amps @120V, 8 analog inputs @0-5V, 0-20mA, dry
T3-4AO	: 8 dry-contact relay outputs x2amps @120V, 4 analog outputs @0-10V, 10 analog input @ 0-5V, 0-10V, 0-20mA, dry
T3-6CT	: T3 series, general purpose 10 Analog Inputs, 6 Digital Inputs, 5 Relay Outputs, RS485 network
T3-PT10	: T3 series, 10 Universal PT100 Input module, with 2-3 or 4 wire connections, RS485 network
Operating Temperature	: -30~70 C (-22~158 F)
Supply Voltage	: 12~24VAC/DC ±10%, 50-60Hz
Power Consumption	: 100mA at 12VDC
Relay Contacts Rating	: Max 2A
Ambient Humidity	: 10-90 %Rh
Plastic Housing	: Flammability Rating UL 94V0 File E194560
Enclosure Rating	: IP31
Temperature Sensor	: 10K Thermistor ±0.5°C
Color	: White/Off-White

T3 Model	Universal Inputs		AO	DO
--	0-5V 0-20mA	0-5V 0-10V 0-20mA	--	--
T3-8AI8AO	8	--	8	--
T3-32I	--	32	--	--
T3-8I13O	8	--	--	13 Relay 120VAC, 2A
T3-4AO	--	10	4	13 Relay 120VAC, 2A
T3-6CT	10 Universal Inputs, 6 AC Current Inputs (6CTs), 5 Relay Outputs			
T3-PT10	10 x PT100 inputs, 2-3-4 wire			

Dimensions: 115(L) x 90(W) x 40mm(H)



Special Features:

The T3 has a few additional features which the other T3 series do not have due to a more advanced CPU. For example the faster scan rates for the inputs In on/off mode, inputs 3 through 10 can count pulses up to 1 khz on each channel. In analog mode, inputs 3 thru 10 are 12 bits compared to the previous 12 bits, inputs 1 and 2 remain as 8 bits and slower at pulse counting.

For developers there is a significant improvement with the larger om and ram space: 128k versus 64k for the flash space and 3k ram versus 1k of ram space compared to the earlier models. This gives more room for developers to add features such as Bacnet, PLC type logic, logging, etc. Secondly there's an additional serial port, currently the port is unused but developers will be able to use the second port to manage a subnet of local sensors, keypads and displays for example, or use it in repeater mode to extend and isolate the RS485 main network.

Description:

The T3-4AO Series are general purpose input / output modules for building integrators. Available in several input/output configurations, the T3 Series modules provide convenient termination for field devices and interfacing to your HVAC, lighting, temperature sensors, and other typical building automation applications. Each of the analog inputs can be jumper configured for signals of either 0-5V, 0-20mA, or dry contact. The outputs are available in dry contacts 2amp/output, 0-10V analog, and PNP sinking. The modules are slave devices that can be easily controlled via the RS485 serial inter face using the industry standard Modbus Protocol.

Highlights:

- Surge-Protected Analog Inputs with 10-bit resolution.
- Outputs can individually be switched to ON, OFF or AUTO.
- High Impact Plastic Enclosure Provides durability in commercial environments.
- Standard modbus protocol allows for up to 254 unique devices on one RS485 network

Performance Specifications:

T3-4AO	: 8 Dry-Contact Relay Outputs x 2amps @120V, 4 Analog Outputs @0-10V, 10 Analog Input @ 0-5V, 0-10V, 0-20mA, Dry
Operating Temperature	: -30~70°C (-22~158°F)
Supply Voltage	: 12~24VAC/DC ±10%, 50-60Hz
Power Consumption	: 100mA at 12~24VAC/DC
Relay Contacts Rating	: Max 2A
Ambient Humidity	: 10-90 %Rh
Plastic Housing	: Flammability Rating UL 94V0 File E194560
Enclosure Rating	: IP31
Temperature Sensor	: 10K Thermistor ±0.5°C
Color	: White/Off-white
Dimensions	: 115 x 90 x 40mm

