

Contact Module—CM04A

The module provides eight universal inputs which can be configured as 0-5V, 0-10V, thermistor, 4-20ma (current loop) or dry contact; eight 0-10VDC analog outputs; and, six relay outputs. The module has two (pass-thru) RS-485 serial interfaces which provides Modbus/RTU or BACnet MSTP and Modbus/TCP and BACnet/IP are provided by the Ethernet interface.

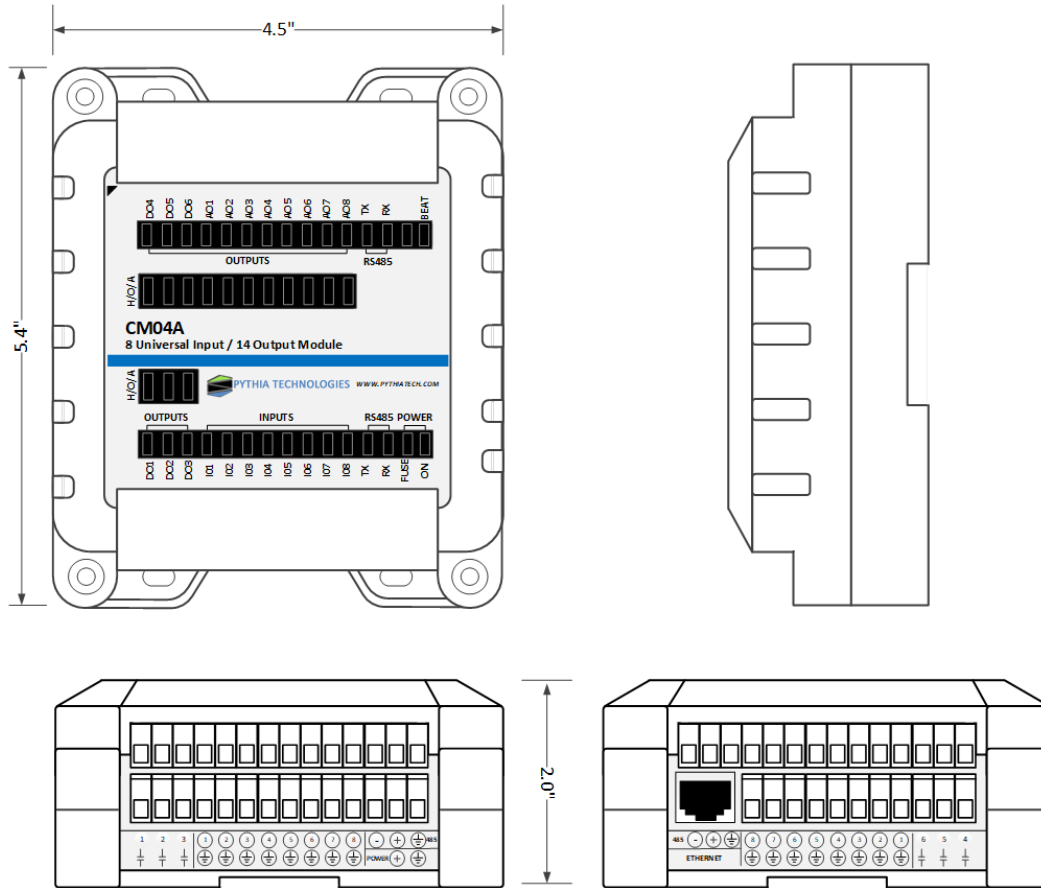
The general purpose universal input module highlights:

- Standard DIN Rail mounting
- (8) Surge-Protected Analog Inputs with 12-bit Resolution
- UL listed ABS enclosure with rubberized texture
- Software configurable via Modbus/TCP or Modbus/RTU
- Baud rates: 9600, 19200, 38400, 57600 and 115200bps
- Communications: Modbus/TCP/RTU, BACnet/IP/MSTP
- (6) Relay Outputs (rated 120VAC@3A)
- (8) Analog Outputs (@ 0-10VDC)

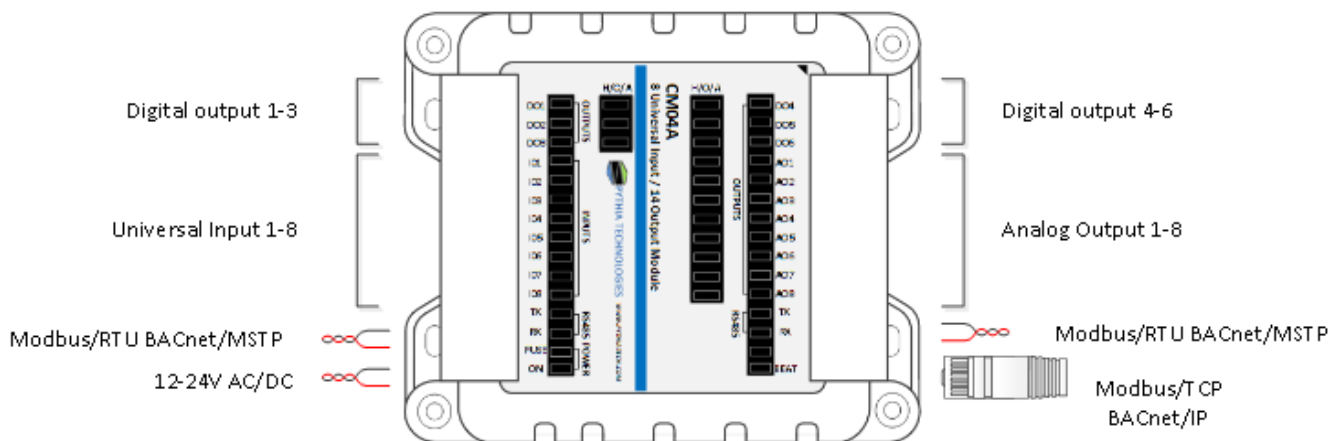
Assembly Overview



Assembly Details



Wiring Detail



SPECIFICATIONS	
Power	12—24VAC/DC +- 10%, 50-60Hz, 100mA MAX @ 15VDC
Inputs	8 Universal Inputs @ 0-5V, 0-10V, 4-20ma (Loop Current), Dry Contacts, 10K T2 Thermistor
Outputs	14 total @ 6 relay (3A@125VDC), 8 analog (0-10VDC)
Communication Ports	RS-485 2-Wire, Ethernet
Protocols	Modbus/TCP and BACnet/IP ; BACnet/MSTP or Modbus RTU
Operating Temperatures	-22F—158F
Storage Temperature	-40F—185F
Humidity	10% - 80% RH, non-condensing
Dimensions	5.4" (W) x 4.5" (D) x 2.0" (H)
Weight	1lb
Compliance	CE, ETL, UL, EN, CSA, RoHS
Enclosure Rating	IP31
Certifications	CE; UL STD 17DU E248122; EN STD 5502; ICES-003 Issue 4; FCC 47 CFR Part 15;

Ordering	
CM04A	Contact Module 04A
CM04A-K03	Includes CM04A, DIN-Rail track & 120/240VAC to 24VDC Power supply
CM04A-K03-ENCL2	Includes CM04A, DIN-Rail track & 120/240VAC to 24VDC Power supply and
	Enclosure (10 x 6 x 6) screw top



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