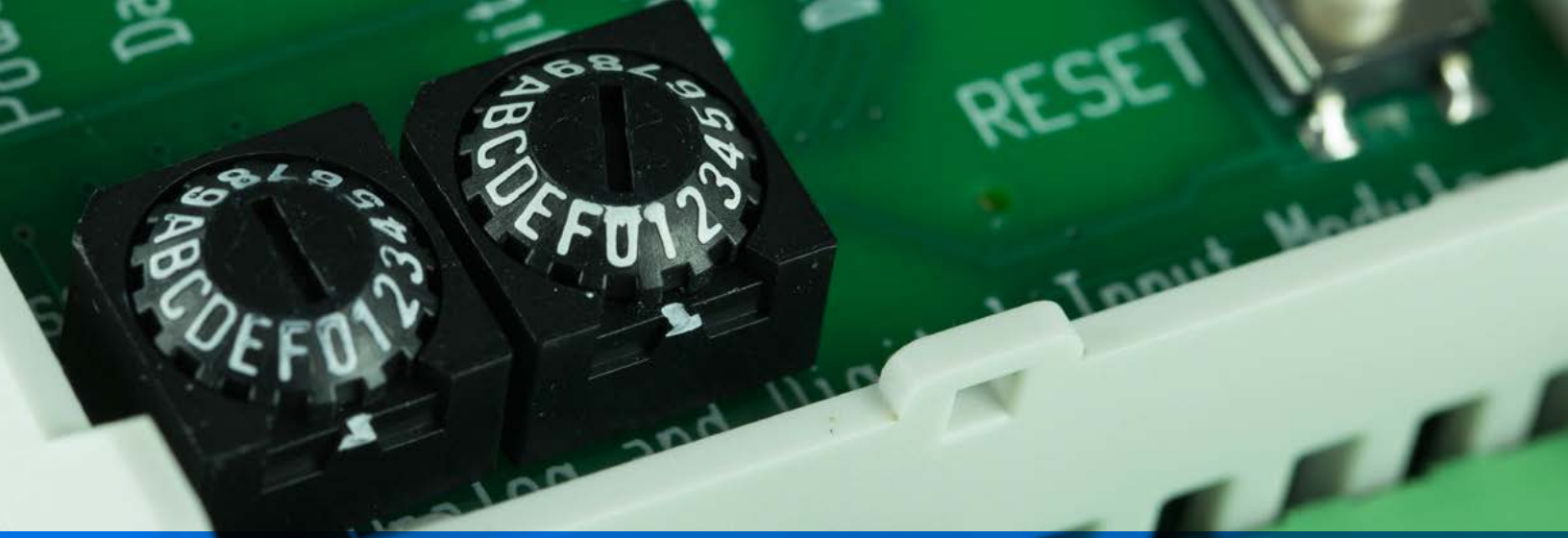


I/O TRAX™ 1 & 2

DIGITAL & ANALOG I/O MODULE



The I/O Trax system allows a users to install remote field I/O devices without having to invest in any other controllers. The I/O Trax is an affordable and practical distributed I/O system. This small modular device is easy to install to machinery or application components - saving time, troubleshooting, and excess field wiring.



The I/O TRAX is a flexible and affordable solution **designed to connect, monitor and control field-remote devices.**

FEATURES

- ✔ Remote network diagnostics
- ✔ Line fault monitoring and LED status display per channel
- ✔ Four analog 4-20 mA isolated inputs
- ✔ Four digital inputs, optically isolated
- ✔ Two relay alarm outputs
- ✔ Direct connectivity to industrial sensors and actuators
- ✔ Modbus RS485 communication with two alarm relays
- ✔ Din-rail Modular design
- ✔ Accutron LiveScript Technology, our web-based app for easy and quick configuration
- ✔ Ultra-compact design for application where a typical PLC or I/O solution simply would not fit
- ✔ Isolated 4-20 mA inputs
- ✔ Discrete digital I/O
- ✔ Quick snap connections
- ✔ LED indicators
- ✔ Built-in Modbus RTU, Modbus ASCII
- ✔ Three bus couplers use Ethernet, Modbus TCP, Profibus protocols

BENEFITS

- ✔ Simple
- ✔ Cost effective
- ✔ Added value in remote location
- ✔ Network accessibility
- ✔ Modular design
- ✔ Small footprint



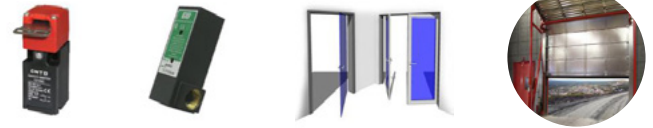
PLC modbus RTU - RS485 - Slave Port

Relays out - Control Out



(4) 4-20 ma Analog In

(4) Digital In

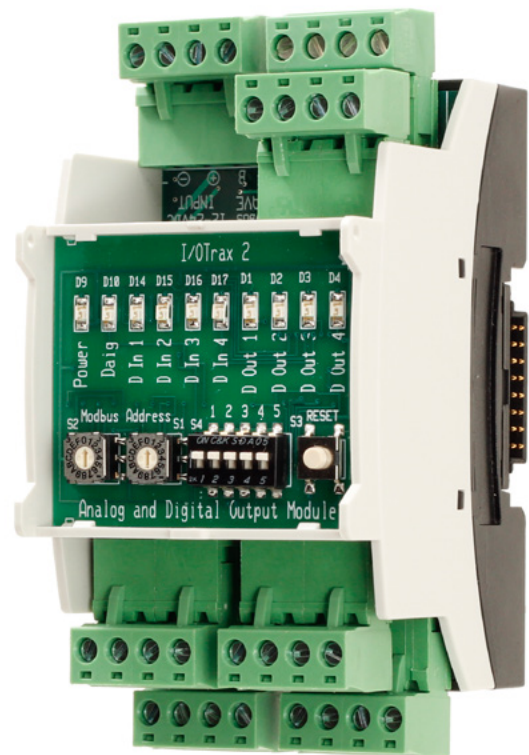


REMOTE I/O ALSO ALLOWS YOU TO EXPAND YOUR PROCESS CONTROL SYSTEM BEYOND YOUR LOCAL PLC STATIONS

- ✓ Connect, monitor, control sensors (gas, temperature, pressure, airflow etc.)

APPLICATIONS

- ✓ Integrate and connect your instrumentation devices
- ✓ Measure and control industrial sensors and actuators



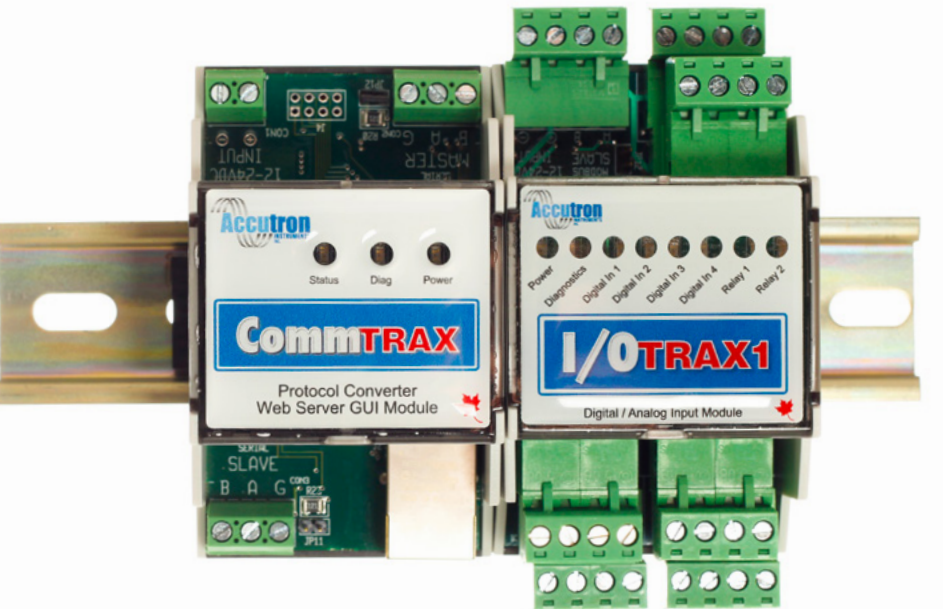
DIFFERENCES BETWEEN I/O TRAX 1 AND I/O TRAX 2

I/O TRAX 1

Modbus Slave
 2 x Relay Outputs
 4 x Analog Inputs (Isolated)
 4 x Digital Inputs

I/O TRAX 2

Modbus Slave
 4 x Open collector digital outputs
 4 x Analog outputs
 4 x Digital inputs



- When combined with the COMMTRAX module, the I/O TRAX can be controlled and monitored over a remote network. This opens up many possibilities for how you control your systems and where from.

SPECIFICATIONS

Power Input

7 to 30VDC,
50mA at 24V (1.2W)

Relay Ratings

Max Switching Voltage:
220VDC, 250VAC

Rated Current

5A

Switching Power

60W, 62.5VA

Digital Inputs

Range: 0VDC to 27VDC
Input on (0) = $_3$ VDC
Input off (1) = $_2$ VDC

Absolute Maximum

30VDC

Current Inputs

Range: 0mA to 20.1mA

Absolute maximum

40mA

Physical

Enclosure

9 cm X 6.2 cm X 5.3 cm

Mounting

DIN rail mounted
(35mmx 7.5mm)

Operating Temperature

-40°C to +80°C



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