

Ethernet I/O Module



DigiRail Connect

- Mixed I/Os (Analog and Digital)
- Ethernet Modbus TCP
- RS485 Modbus RTU
- USB configurable
- Robust and Reliable for Industry

DigiRail Connect is a versatile DIN rail I/O module with Ethernet interface which can be easily integrated to any automation system.

With a flexible mix of industry-standard inputs and outputs, it performs field analog and digital signal handling with outstanding accuracy.

Bringing the Industry 4.0 to the DIN rail level, the connectivity of **DigiRail Connect** allows it to be used as a Modbus RTU slave in RS485 networks or as a Modbus TCP server over Ethernet.

Specially designed to comply with international electromagnetic compatibility standards, it ensures robustness and reliability in the most demanding industrial applications.

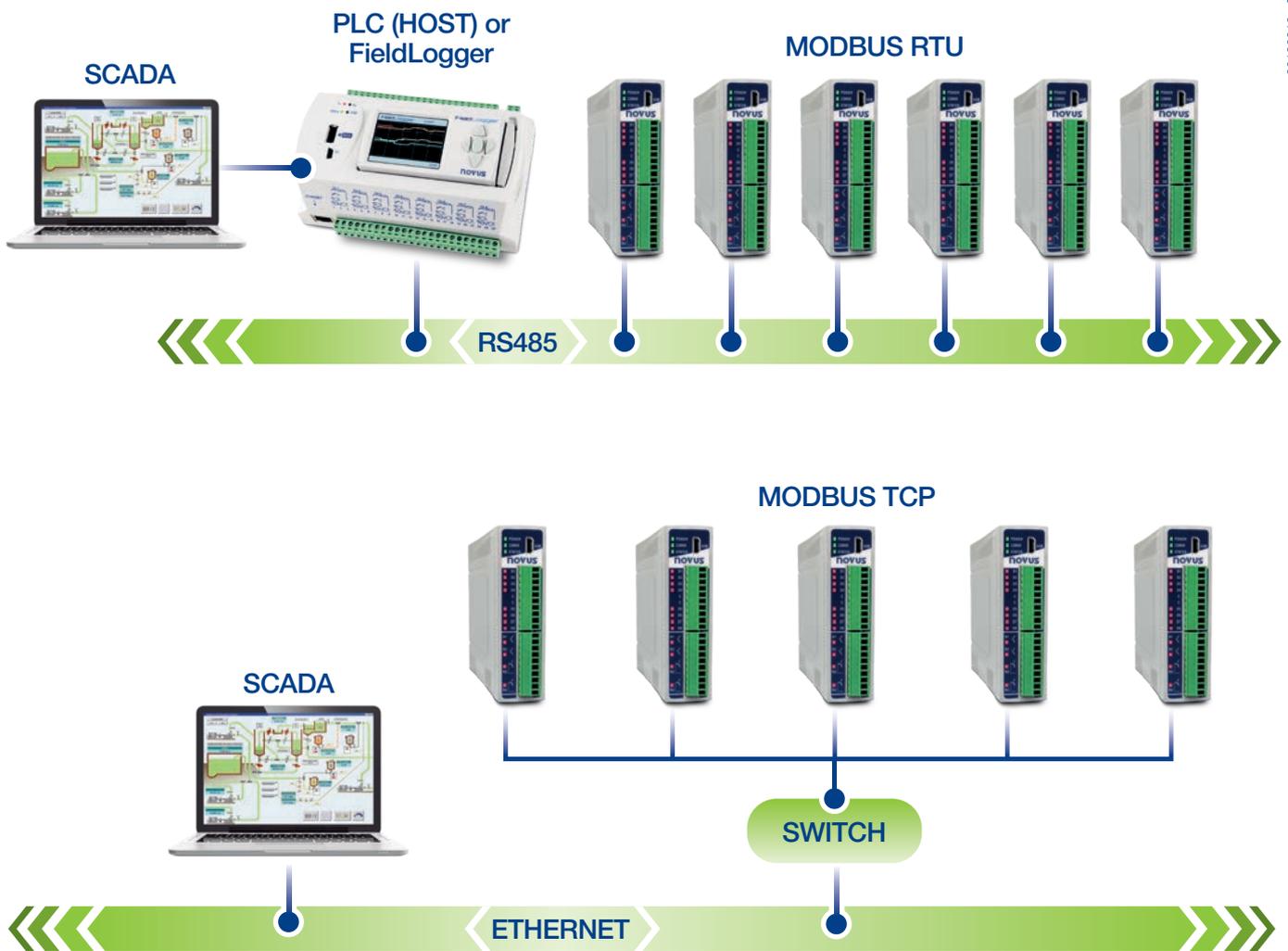


ETHERNET INDUSTRY NETWORK

Technical Specifications

Models	RAMIX Rich Analog Mix	DMIX Digital Mix	Communication Interface	USB IEEE standard 802.3u Ethernet 10/100 Mb/s RS485 CAN (future release)
Inputs	4 digital, 2 analog (isolated)	8 digital	Communication Protocol	Modbus RTU Slave (RS485) Modbus TCP Server (Ethernet)
Outputs	3 digital or 2 relays, 2 analog (isolated)	4 relays or 8 digital	Software	NOVUS NXperience (via USB)
Analog Input Types	Thermocouple J, K, T, N, E, R, S and B Pt100, Pt1000, NTC, 0-60 mV, 0-5 V, 0-10 V, 0-20 mA, 4-20 mA	-	Power Supply	Voltage: 10 Vdc to 36 Vdc Maximum Power Consumption: 5 W Typical Current Consumption: 20 mA
Analog Output Types	0-20 mA, 4-20 mA, 0-10 V	-	Operating Conditions	Temperature: -20 to 60 °C (-4 to 140 °F) Humidity: 5 to 95% RH, non-condensing
Analog Resolution	Analog inputs: 16 bits (65000 levels) Analog outputs: 12 bits	-	Enclosure	ABS+PC

Topology Examples



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