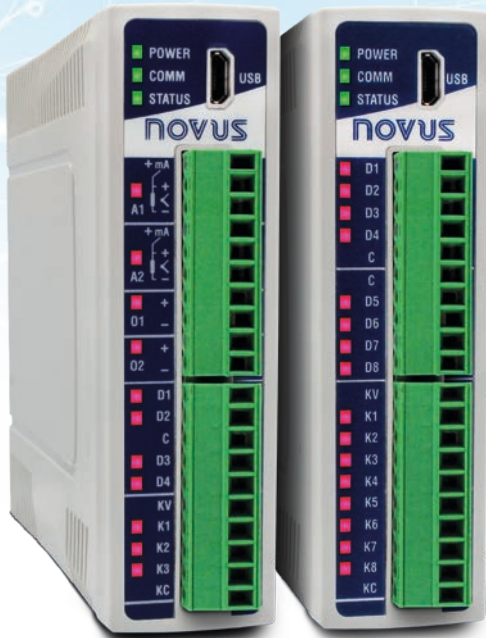


# Ethernet I/O Module



**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.

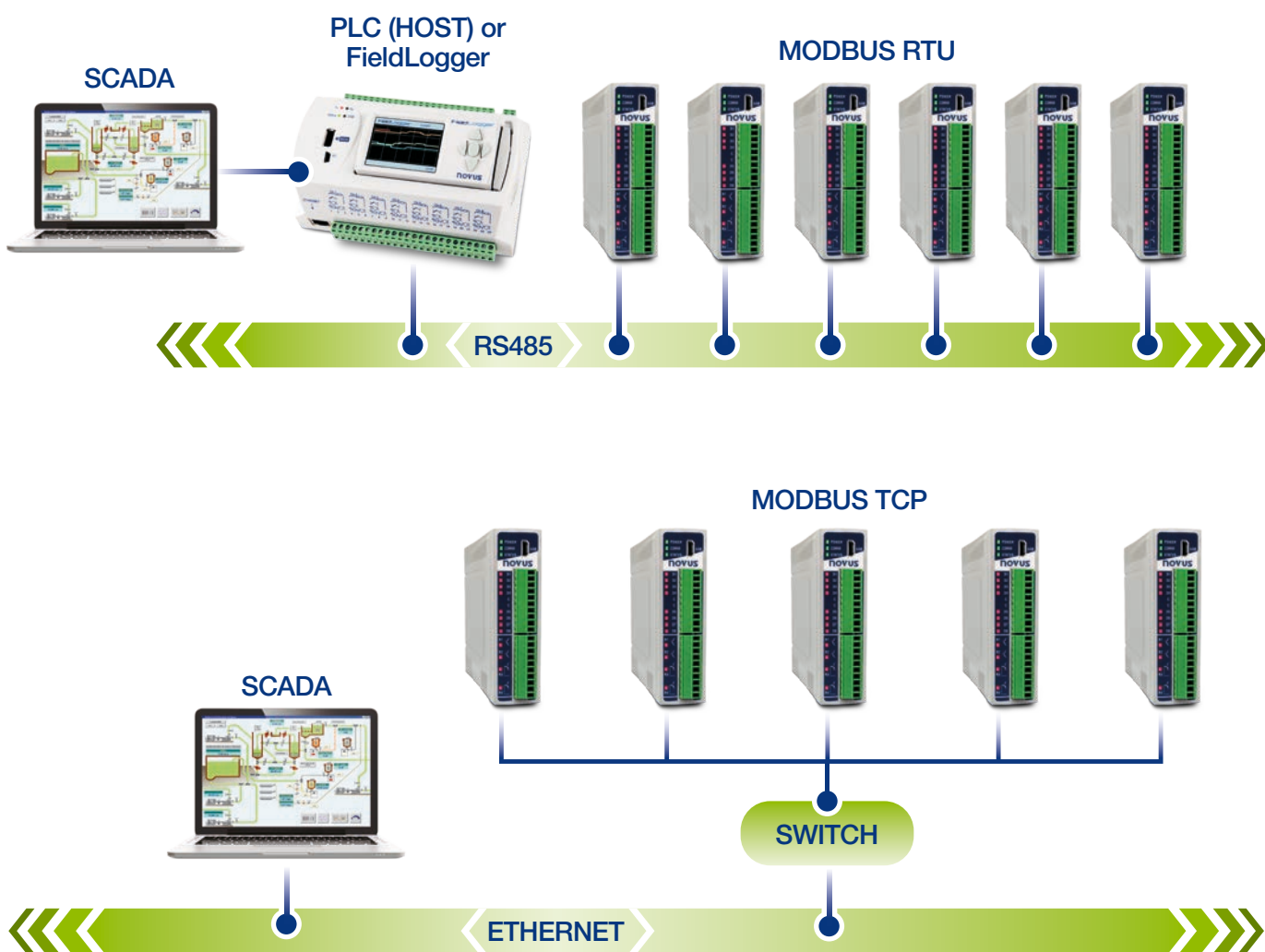


**ETHERNET INDUSTRY NETWORK**

## Technical Specifications

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

## Topology Examples



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