Intelligent I/O Interface (I³) Module

Features

• Intelligent I/O module with bulti-in signal processing.	• Remote connectivity through industry standard communication interfaces.
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• Single Module supporting multi-channel inputs and outputs (Digital & Analog) of different types.	• Small, modular size requires minimal panel space
• Provides cost-effective input and output capacity	• Expandability by interconnecting multiple modules through networking
• Provision to Integrate to host controllers as a remote field acquisition module.	• Customization for site/project specific through revising firmware.

Specifications

GENERAL		DIGITAL INPUTS	
Connectors	2 x plug-in terminal blocks or Customized	Channels	20 nos.
Power Consumption	Input Voltage 18 to 36 VDC	Input Level	Active High/ Low/ 24 V Potential Free
Watchdog Timer (Optional)	System	Isolation	Optically Isolated
Supported Protocols	MODBUS/CAN Bus J1939 (Automobile Standard)	Isolation Voltage	2.5 kv
Communication Channels	RS 232/CAN (2)/RS485	**DIGITAL OUTPUTS**	
Mechanical Module Dim.	10.7 cm/16 cm / Customized Enclosure	Channels	16 nos.
Operating Temperature	-10~70 °C (14~158 °F)	Output Level	Open collector to 24 V, 500 mA max. load
Operating Humidity	5 ~ 95% RH	**ANALOG INPUTS**	
Connectors	2 x plug-in terminal blocks or Customized	Channels	10 nos.
Power Consumption	Input Voltage 18 to 36 VDC	Input Type/Range	Voltage 24 V max /4~20 mA Current 120 ma max. (5) / Resistance 10 k ohms max. (5)
		Analog Input Resolution (Bits)	12-bit

INTELLIGENT I/O INTERFACE (I³) MODULE