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IO-16-485



Overview

The IO-16-485 is part of the VYKON portfolio of hardware, software and tools designed for remote monitoring and control applications that enables end-to-end automation and device-to-enterprise integration.

The IO-16-485 allows the JACE to extend applications to include inputs and outputs remotely located up to 4,000 feet from the JACE. The connection is established via an industry standard RS-485 multi-drop communications bus. Up to sixteen (16) IO-16-485 devices can be utilized on a single JACE providing a total of 256 IO points on a single JACE.

Features

- 16 IO Points per device
- 8 Universal Inputs - Type 3 (10k) Thermistors, 0-100K ohm, 0-10 vdc, 0-20 mA with external resistor
- 4 relay outputs (Form A contacts, 24 VAC @ .5 amp rated)
- 4 analog outputs (0-10 vdc)
- Up to 16 remote IO-16-485 modules max per JACE (limit of 4 on a JACE-2 and JACE-202-XPR)
- Power Options
 - Direct connect (Pin compatible) with the NPB-PWR & NPB-PWR-UN power supplies.
 - Modules can be powered directly from select JACE models with 15VDC outputs.
 - External 15 VDC power supply
- DIN rail or surface mounting

Applications

The IO-16-485 expands the JACE capability by providing inputs and outputs for monitoring and control functionality. In addition, the Niagara^{AX} Framework library of control function blocks can be utilized to build complex control algorithms in the JACE. Up to four (4) modules can be used with a JACE-2 or JACE-202-XPR and up to sixteen (16) with a JACE-6 or JACE-7.