KMN-IO-16-485
JACE I/O module

OVERVIEW

The KMN-IO-16-485 is part of a 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 KMN-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) KMN-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
- Power Options
- Direct connect (Pin compatible) with the KMN-NPB-PWR-UN power supply.
- Modules can be powered directly from select JACE models with 15VDC outputs.
- External 12-15 VDC power supply
- DIN rail or surface mounting

APPLICATIONS

The KMN-IO-16-485 expands the JACE controller capability by providing inputs and outputs for monitoring and control functionality. In addition, the NiagaraAX Framework library of control function blocks can be utilized to build complex control algorithms in the JACE controller. Up to sixteen (16) with a KMN-J-600E or KMN-J-700.

SPECIFICATIONS

Inputs

- 8 Universal Inputs - Type 3 (10k) Thermistors, 0-100K ohms, 0-10 vdc, 0-20 mA with external resistor

Outputs

- 4 relay outputs (Form A contacts, 24 VAC @ .5 amp rated)
- 4 analog outputs (0-10 vdc)
- Power
- 12-15VDC

Power Consumption

- All relay off: 0.75W
- All relays energized: 2.0W
- Refer to the KMN-IO-16-485 Installation Guide for requirements when powering the module from a JACE.
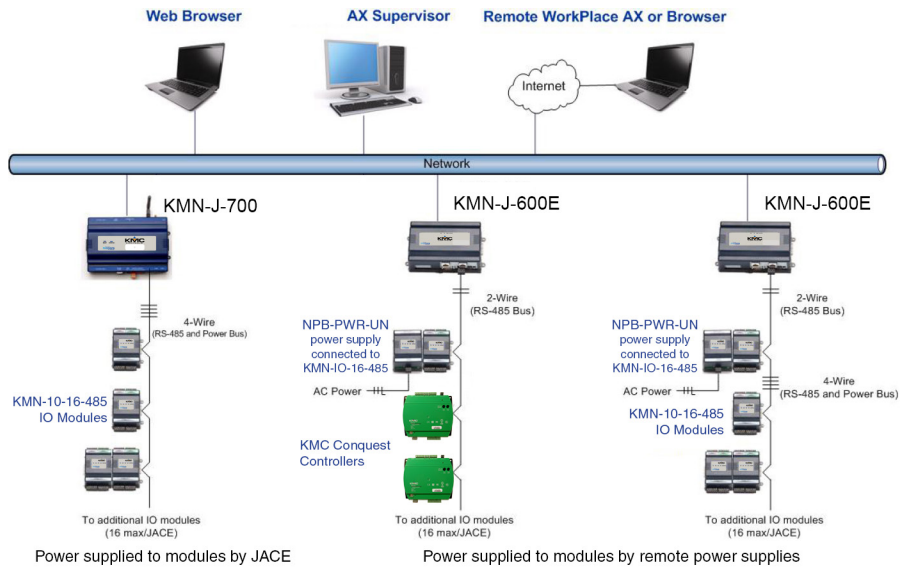
Agency Listings

- UL-916
- CE
- RoHS

RoHS Compliant c(UL)us LISTED CE

ORDERING INFORMATION

MODEL/PART NUMBER	DESCRIPTION
KMN-IO-16-485	16 Point Remote IO Module
KMN-NPB-PWR-UN	Optional 90-263 VAC 50/60 HZ, Auto sensing Universal Power Supply

ARCHITECTURE

SUPPORT

Additional resources for installation, configuration, application, operation, programming, upgrading and much more are available on the web at **www.kmccontrols.com**. To see all available files, log-in to the KMC Partners site.

　　　Specifications and design subject to change without notice　　　862-035-01A