Honeywell

IO-16-REM-H

OVERVIEW

The IO-16-REM-H is part of the WEBs-AX/ComfortPoint portfolio of hardware, software, and tools designed for remote monitoring and control applications. The IO-16-REM-H allows the WEBs-AX/ComfortPoint controller to extend applications to include inputs and outputs remotely located up to 4,000 feet from the controller. The connection is established via an industry standard RS-485 multi-drop communications bus. Up to sixteen (16) IO-16-REM-H devices can be utilized on a single controller providing a total of 256 I/O points.

FEATURES

One word describes the IO-16-REM-H Module – flexible. IO-16-REM-H modules may be located up to 4,000 ft. from a controller, reducing wiring and installation costs for remote device monitoring and control, and allowing easy integration and control of equipment whether it is located near to or far away from the controller. A common power and communication wiring trunk saves installation time and materials and makes troubleshooting easier. With its flexible I/O mix, the IO-16-REM-H is easy to apply to almost any equipment layout, whether distributed throughout a facility or concentrated in mechanical rooms. Power for these modules may be provided by a NPB-PWR-H or NPB-PWR-UN-H, through the Pin compatible side connector on the WEBs-AX/ComfortPoint controller, or an external 12-15 VDC supply – whichever method is best suited to your application.

SPECIFICATIONS

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

Outputs:
4 pilot duty relay outputs (Form A contacts, 24 VAC @ .5 amp rated)
4 analog outputs (0-10 VDC)

System Capacities:
16 max per WEB-600/CP-600
15 max per SEC-H-600
4 max per WEB-201/CP-201

Power:
12-15VDC
All relay off: 0.75W
All relays energized: 2.0W

Environment:
Operating temperature range: 0° to 50°C (32°F to 122°F)
Storage temperature range: 0° to 60°C (32°F to 140°F)
Relative humidity range: 5% to 95%, non-condensing

Agency Listings:
UL-916
CE
RoHS

ORDERING INFORMATION

Table 1. WEBs-AX Supervisor Software

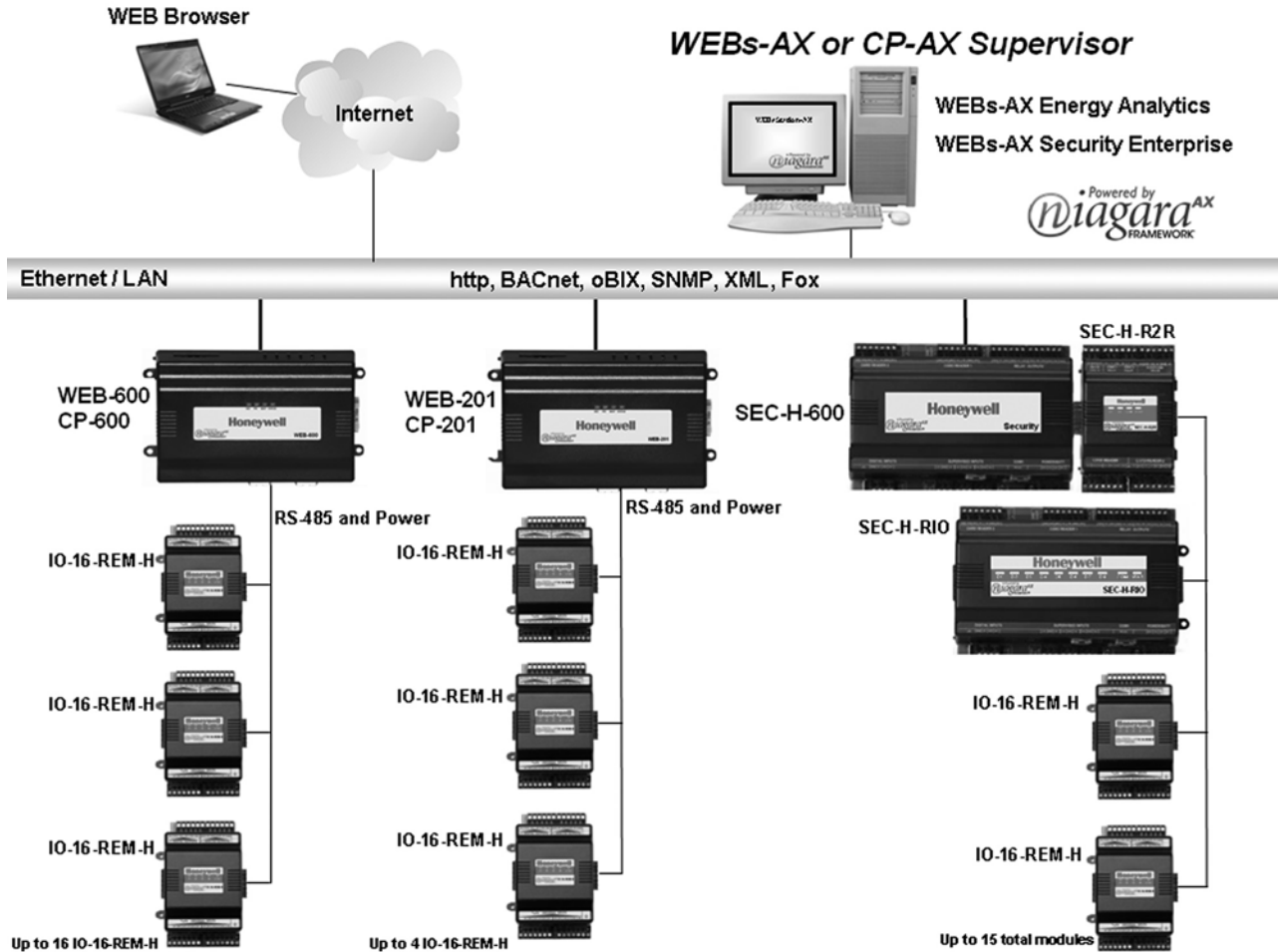| Part Number	Description
IO-16-REM-H	16 Point Remote I/O Module
NPB-PWR-UN-H	90 - 263 V AC 50 / 60 Hz Auto sensing Power Supply Module, DIN Rail Mountable
NPB-PWR-H	24 V AC/DC Power Supply Module, DIN Rail Mountable

*Requires Niagara-AX build 3.4.51 or higher

Fig. 1. System Architecture

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