AERCO Communications Gateway

- Built-in translation for BACnet, LonWorks, N2 and ModBus protocols
- Select protocol and baud rate in the field using simple dip switch
- Plug-in port for LonWorks and Ethernet cards
- Captures alarm and trend history for faster troubleshooting
- Battery-backed memory retains point mappings and programs in the event of power loss

DESCRIPTION

AERCO offers a multi-protocol, communications gateway to support integration with customers’ building control and energy management systems. The plug-n-play package supports integration with Johnson N2, BACnet and LonWorks systems. AERCO’s Communications Gateway is available for all* AERCO boilers and water heaters.

The gateway is packaged in a UL-recognized plastic enclosure that can be installed on a wall or mounted on our equipment using a steel mounting bracket. All three protocols reside in the gateway with the desired protocol selected by the customer using a dipswitch. The standard gateway is programmed for up to 12 gas-fired boilers or water heaters, four indirect water heaters or one BMS II with a list of standard control points for each category of equipment, including set point, fire rate, outlet temperature, unit status, run cycles and run hours. A custom program option, to support access to up to 300 customer selected data points, is also available.

*Benchmark and KC1000 units must be equipped with Modbus compatible controls; Helitherm-and U-Tube style heaters must be equipped with the company’s Electronic Control System.

SPECIFICATIONS

Dimensions.......................................................... 8”W x 6”H x 3”D
Weight................................................................. 2 lbs
Battery Requirements................................. Lithium 3V coin Cell
Baud Rates Supported.................................................. 9600
Power Supply Required.......................... 24 VAC, 50/60Hz, 20VA
Maximum Current Draw.......................... .85 Amps@24VAC
Ports Provided.................................................. RS232 & RS485

Protocols Supported ........................................ ModBus
................................................................. Johnson N2
................................................................. LonWorks
................................................................. BACnet MS/TP (9600 - 76.8 baud)
................................................................. BACnet Arcnet
................................................................. BACnet PTP

Specifications subject to change. Consult website or contact AERCO.
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