

## New and Improved

The ExactLogic programmable controller has been redesigned with the following improvements:

- 1) Now 100% made in America
  - a. Circuit design
  - b. Core operating system programming
  - c. Circuit board manufacturing
  - d. Case manufacturing
  - e. Circuit board component assembly
  - f. Final assembly and testing
  - g. Sequence programming
  - h. Configuration
  - i. Order fulfillment
  
- 2) Inputs improved
  - a. Increased the total inputs from 5 AI/BI to 13 AI/BI
  - b. Resistance measurement added to input configuration
  - c. Inputs are read 10 times and then averaged
  
- 3) Outputs increased
  - a. Binary Outputs increased from 5 to 8
    - i. Outputs are now Solid-State Relay (SSR) and will accept 24Vac or 24Vdc
    - ii. Outputs 0-4 and 6-8 have separate power inputs (BO Hot or R from a RTU)
      1. BOs 0-4 can be fed with AC and 6-8 can be fed with DC or vice versa
  - b. Analog Outputs increased from 3 to 8



4) Display improved

- a. The display has been increased from 2 lines by 8 characters to 2 lines by 10 characters

5) Point Viewer added (using the new configuration and information buttons)

- a. From the display the following points are visible:
  - i. Analog Inputs
  - ii. Binary Inputs
  - iii. Analog Outputs
  - iv. Binary Outputs
  - v. AV Points
  - vi. BV Points



6) Display your BACnet information

- a. Display points (13 points can be cycled on the display for status)

7) Informative Display, Showing

- a. Heating %
- b. Cooling %
- c. Economizer %
- d. Occupied
- e. Night
- f. After Hours

8) MS/TP Communication Status

- a. New point in the Setup Menu shows Token passing count to indicate proper communications

9) Programming Updated

- a. Sequence programming is updated to allow the new inputs and outputs to be used
- b. Customer programming is available as a subscription

10) Removable Connectors

- a. All connectors are removable

