BACnet VVT Zone Heat/Cool/ SCR Controller

BACnet Performance Products
ExactLogic

FEATURES

- Energy Management System ready with BACnet MS/TP communications
- Digital output for fan control
- Damper Outputs: 1 PO/PC modulating; 1 Analog modulating
- Heating Valve Outputs: 1 PO/PC modulating
- Easy installation and operation
- Stand-alone operation
- Operates VVT, pressure-dependent terminals, and other damper applications

SPECIFICATIONS

Model	EXL-01714
Fan Speeds	1
Cooling Outputs	1 digital
Heating Outputs	1 digital 1 SCR
Damper Output	0-10 VDC
Input Voltage	12-24 V AC/DC
Input Power	5 VA
Output Load Max	1.0 Amps
Control Output	Relay - 24 VAC/DC
Comm. Line	BACnet MS/TP

PART NUMBER:

EXL-01714
Options
RN, TC, and DA

BACnet VVT Controller

Description:

The BACnet VVT Controller operates a single-zone variable-volume variable-temperature terminal (VVT), or other modulating zone damper application [analog or power-open/power-close (PO/PC)]. A binary output supports fan-powered box control. A single stage of heat and an SCR signal support VVT's with zone heating applications. There is also a single stage of cooling available.

Setpoints are adjustable from the BACnet interface. Space temperature setpoints are internally limited by a minimum and maximum setting (adjustable). The thermostat may be placed in the occupied or unoccupied mode, by a manual operator command or a timed override. Space temperature is displayed under normal operation. The digital display indicates the current operating mode, fan status, heating/cooling status, and outside air temperature (if provided via the BACnet interface).

When ordering quantities greater than 30 customized setpoints and additional sequences are available at additional cost, please request a quote for your application.

Relay isolation allows for independent power supply on controlled equipment.

Options:

☐ RN   Remote Sensor - Allows the controller to be located in a secure room and the Room Sensor to be in an exterior zone.

☐ TC   Time Clock - Provides an occupancy schedule.

☐ DA   Discharge Air – Monitors local heating/cooling status

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