

HVAC Controller

D-PK-HVACI-12003

Summary of Benefits

- Monitor and control up to 4 HVAC units for Lead/Lag operation
- Easy to mount and install
- Convenient front LCD guided setup
- Front LCD allows for convenient system operation and status viewing
- Test mode can be run from front LCD for easy diagnostics
- Convenient and secure web browser interface for configuration and monitoring
- Wires are secure inside to protect against damage
- Design makes repairs easy
- 12 Form A/B (field selectable) Relay Outputs
- D-Wire Sensor compatible
- Telco-grade: Built to last
- 30 day money back guarantee



The HVAC Controller is a cost-effective solution to monitor and control your HVAC units.

Overview

The HVAC Controller is a unit designed to manage and control your site's HVAC units. The convenient front-panel LCD display allows you to run tests on each unit, configure controls and alarms, and see the status of each unit. When not in test mode, the display cycles through several screens with temperature readings, lead/lag status' and more.

The HVAC Controller is easy to mount, easy to wire and easy to use. Never before has monitoring your site's HVAC units been this simple.

HVAC Controller Specifications

Discrete Alarms:	12	Interfaces:	1 RJ45 10/100BaseT full-duplex Ethernet 1 USB craft port
Relay Outputs:	12 (Form A/B, field selectable)	Internal Sensors:	1 Built in Temp Sensors
Analog Inputs:	N/A	Internal Temperature Sensor:	-40° - 180° F (-40° - 82.2° C)
D-Wire Sensors:	1 RJ11 Connector for D-Wire nodes for up to 16 D-Wire sensors	Operating Humidity:	0% - 95% Non-Condensing
Mounting:	Wall Mount	Industrial Operating Temp:	-22° to 158° F (-30° to 70° C)
Protocols:	SNMP(v1, v2c, v3), DCPx, TELNET, HTTP, HTTPS, TTY, TRIP, ICMP	MTBF:	60 years
Power Input Options:	-48Vdc nominal -24Vdc nominal +24Vdc -24/48Vdc (Wide Range)	RoHS Approved:	5 of 6 compliant
Current Draw:	750mA max @ 48VDC	Dimensions:	15.35" H x 10.04" W x 2.66" D
Fuse:	Glass Fuse	Weight:	3.56 lbs. (1.61 kg)
Visual Interface:	5 LEDs LCD Screen	MTBF:	60 Years

D-Wire Temperature Sensor Option

D-Wire sensors are a way to track environmental of your telecom shelter, using convenient daisy-chained sensors. With D-Wire sensors, you don't have to worry about analog capacity on your HVAC Controllers, tangled masses of sensors at your HVAC Controller, or even the trouble of wiring analog connectors.

D-Wire sensors from DPS use simple RJ-11 connectors, in and out, and allow you to chain up to 16 sensors to a single DPS HVAC Controller's D-Wire port. Your sensor chain can be a maximum of 600 feet, so you can run sensors out as far as you need to monitor your equipment, without having to place analog-capable HVAC Controllers in multiple places.

When used with your HVAC Controller, the D-Wire sensor can help you achieve complete visibility of your HVAC unit's performance - including the temperature and airflow output of each vent and multiple ambient room temperature and humidity sensors.



*Other Sensor options also available.

Summary of Benefits

- D-Wire sensors do not need a power source.
- "Plug 'n' Play" functionality.
- The analog signal is digitized at the sensor, so the cable is less susceptible to noise and can be longer.
- Analog value is sent to the HVAC Controller for data logging and real-time reading.
- DPS Telecom D-Wire Sensors are more economical compared to 3rd-party alternatives.
- Sensors are uniquely identified by the host or HVAC Controller, allowing them to be supervised. This means if a sensor is unplugged or the cable is broken, the HVAC Controller can detect this and notify you.

 **Call 1-800-622-3314 for Pricing**

Visit our website at www.dpstelecom.com

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