



HVAC CONTROLS

DNS-14 Network Sensors

HVAC CONTROLS

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개요 :

The DNS-14 is an intelligent room sensor with a 3-digit, seven segment, LCD display, capable of displaying a wide-range of digital or analog values, including set points, temperature, air flow, heating and cooling status, fan speed, valve and damper position, and more.

The DNS-14 communicates on Delta's LINKnet network or directly on a BACnet MS/TP network. When connected to a Delta Controller, on a LINKnet network, the DNS-14 provides programmable remote sensor capabilities. When connected on the BACnet MS/TP network, it functions as an independent BACnet sensor device.



주요 특징 :

- Native BACnet™ firmware
- BACnet MS/TP or LINKnet communications
- Built-in 10kΩ thermistor
- Programmable 3-digit LCD display (via GCL+ over LINKnet)
- 4 programmable buttons (via GCL+ over LINKnet)
- Derived Network Addressing (DNA) for simple integration into a standard network architecture 2-piece design with tamper set screw lock network sensors

Application :

For use in diverse applications that require one or more low cost, programmable sensors.

Specification :

LCD :
3-digit (7 segment characters)

Push Buttons :
4 momentary push buttons with tactile feedback

Temperature Sensor :
Thermistor Input: 10kΩ @ 77°F (25°C)
Accuracy of +/- 0.36 oF from 32 - 158 oF (+/- 0.2 oC from 0 - 70 oC)
Display resolution of 0.1°
Stability of 0.24°F over 5 yrs. (0.13°C)

Technology :
8-bit processor with internal A/D, Flash and RAM

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Device Type :
Can be configured as a LINKnet or Subnet device

Device Addressing :
Set via keypad

Communications Port :
BACnet MS/TP @ 9600, 19200, 38400, 76800 bps(default), (maximum of 99 devices per BACnet MS/TP segment) or Delta LINKnet@ 76800 bps

Connectors :
Screw-type terminal connectors

Wiring Class :
Class 2



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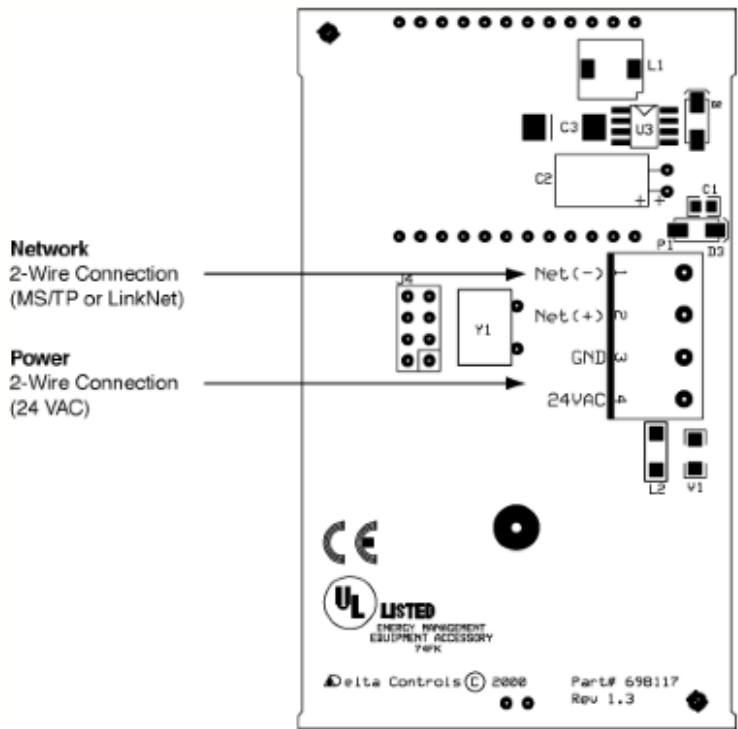
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Board Layout Diagram :



Specification :

Power :

24 VAC, 2VA

Ambient :

0 to 55°C

10 - 90% RH(non-condensing)

Dimensions

11.4×7×2.5cm

Compliance

CE

FCC Class B

Weight

70g

Listing :

UL916 Listed

Accessories :

DZNR-768—Delta Network Repeater for BACnet MS/TP

TRM-768—Delta Network Terminator for BACnet MS/TP

Ordering :

Order the DNS-14 with the desired options according to the following product number: DNS-14

Note :

Default—Bottom buttons are M & L (Set point Adjust), top buttons are (OFF and ON)