

## **D-Sat5**

### Specifications

Size – 6.5” W, 3.375”H, 2.25”D

Enclosure – plastic, clear cover, gasketed, NEMA 4

Power requirements - 8VDC to 12VDC

Power consumption - approximately 80 MA with an additional 1 MA per sensor attached

Additional components needed – PC or laptop for initial setup, stand alone after that

Computer interface - RS485

Maximum number of control units on RS485 bus - 30

Maximum number of feet from computer to control unit - 4000

Main control unit temperature operating range - 32F to 110F

Maximum remote probe temperature resolution - .01C

Remote probe temperature accuracy + or – .5C (from-10C to 85C)

Remote probe temperature sensing range - -55C to +125C

Maximum number of sensors supported - 100

Maximum sensor bus length per channel – 1500 feet

Number of sensor channels - 2

Maximum number of on board stored time and date stamped temperature readings per sensor - 1000

Dry contact alarm relay

2 X 20 LCD display

Rotary encoder for scrolling display

iButton touch port for acknowledging alarms

On board time and date clock

On board non volatile memory for setup information

Individual sensor calibration factors (on PC only)

Individual sensor alarm recognition time

Individual sensor temperature alarm set points

Global adjustable logging interval

Guaranteed unique sensor ID

User definable sensor name

User definable sensor display order



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