

Envirostat FP6i from United Automation

The Electronic Thermostat for Frost Protection



- Temperature Range
- -10 to +10℃ 25 Amps Current
- Capacity Suitable for 230VAC
- Soft Start
- Includes Integrated 2 Metre Sensor
- IP65 Rating
- Mains Supply Indication Load Failure Indication
- Sensor Fault Indication
- BMS interface



The Envirostat FP6i is an electronic thermostat designed to give energy efficient frost protection to pipe work where thermal insulation alone cannot protect pipes from freezing or being damaged by ice. With the cost of energy and the environment becoming a major factor that all businesses are now accountable for, United Automation has introduced the Envirostat range of products

The Envirostat FP6i is designed to offer frost protection with a temperature range of -10C to +10C. With a built in BMS output, the FP6i model offers a high quality product with a wide range of features often associated with more expensive products. With years of experience in design and manufacturing control systems many of these features are already incorporated within our products.

Features

- Soft Start
- **Mains Supply Indication**
- Load Failure Indication
- **Sensor Fault Indication**
- **BMS** interface
- Sensor Supplied

- Accurate temperature monitoring and control for loads up to 25A.
- Reduced Inrush Current via Soft Start offers Increased Safety and improved Life of Heater Tape
- Built for a variety of applications it offers visual indication when a failure occurs.
- **BMS** interface
- The Envirostat is a cost effective solution to a potentially expensive failure.
- Supplied complete with sensor

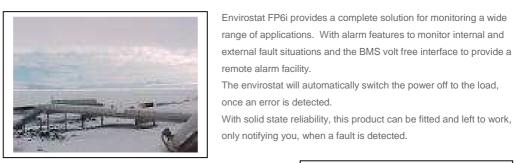
Benefits

- Soft Start >
- **Energy Saving** \geqslant
- **Simple Installation** \triangleright
- **Closed Loop Temperature Control**
- **RoHS Compliance** \geq
- **CE** Approved \geqslant
- Low Cost Solution
- Solid State Reliability
- \triangleright **Maintenance Free**

Technology when you need it most X50066 [ssue1 30/08/2010

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Alarm Indication

- 4 Green LED Power ON
- 4 Yellow LED Illuminates only when load is ON
- **RED Alarm LED:** 4 0.5 second Pulse - Output/Load Failure 0.1 second Pulse - Sensor Failure
- BMS Interface

Technical Specification

- Supply Voltage
- Supply Frequency
- Switching Capacity
- Temperature Range
- Accuracy
- Soft Start Duration
- Terminals
- **Operating Temperature**
- **Protection Rating**
- **Current Consumption**
- **Enclosure Dimensions**
- Fixing Centre's

230 VAC +/- 10% 50Hz

- 6kW Max
- -10 to +10℃
- 1℃
- 1 second
- 2.5mm² Rising Clamp
- -20° to +40°C
- 15mA
- 120x122x65
- 110x90



SERVICES AVAILABLE

Technical Support Installation and Setup **Application Support** Hardware Support 12 months Warranty

FARNELL ORDER CODE: 1838710

ENVIROSTAT FP6i



www.farnell.com

Order Code 1838710

For more information on any of our products or services please visit us on the Web at: www.envirostat.eu www.united-automation.com

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