



Envirostat FP6E from United Automation

The Electronic Thermostat for Frost Protection



The Envirostat FP6E 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 FP6E is designed to offer frost protection with a temperature range of -10C to +10C.

The FP6E model offers a high quality controller 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**
- **LED Indication**
- **6kW Switching Capacity**
- **Mains Supply Indication**
- **Load Failure Indication**
- **Sensor Fault Indication**

- 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.
- System and Load test on Installation plus 4 hourly retest.
- The Envirostat is a cost effective solution to a potentially expensive failure.

Benefits

- **Soft Start**
- **Energy Saving**
- **Simple Installation**
- **Closed Loop Temperature Control**
- **RoHS Compliance**
- **CE Approved**
- **Low Cost Solution**
- **Solid State Reliability**
- **Maintenance Free**
- **Wide range of Applications**

Technology when you need it most

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United Automation Ltd

- **Temperature Range**
-10 to +10°C
- **25 Amps Current Capacity**
- **Suitable for 230VAC**
- **Soft Start**
- **LED Indication**
- **Includes Integrated Sensor**
- **IP65 Rating**
- **Mains Supply Indication**
- **Load Failure Indication**
- **Sensor Fault Indication**

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Envirostat FP6E provides a complete solution for monitoring a wide range of applications. With built in alarm features to monitor internal and external faults.

The envirostat will automatically switch the power off to the load once an error is detected.

With solid state reliability, this product can be fitted and left to work, only notifying you when a fault is detected.

Alarm Indication

Power LED GREEN Illuminates only when load is ON

Status LED RED:

- 0.5 second Pulse - Output/Load Failure
- 0.1 second Pulse – Sensor Failure



Technical Specification

- Supply Voltage 230 VAC +/- 10%
- Supply Frequency 50Hz
- Switching Capacity 6kW Max
- Temperature Range -10 to 10°C
- Accuracy 1°C
- Soft Start Duration 1 second
- Terminals 2.5mm² Rising Clamp
- Operating Temperature -20° to 40C
- Protection Rating IP65
- Current Consumption 15mA
- Enclosure Dimensions 120x122x65
- Fixing Centre's 110x90



SERVICES AVAILABLE

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

Buy Online

www.farnell.com

Order Code 1838709

Product Information

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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