



Envirostat FP6i from United Automation

The Electronic Thermostat for Frost Protection

United Automation Ltd

- Temperature Range -10 to +10°C
- 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
- Simple Installation
- Closed Loop Temperature Control
- RoHS Compliance
- CE Approved
- Low Cost Solution
- Solid State Reliability
- Maintenance Free

Technology when you need it most

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Envirostat FP6i provides a complete solution for monitoring a wide range of applications. With alarm features to monitor internal and external fault situations and the BMS volt free interface to provide a remote alarm facility.

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

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

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 1838710

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

Contact us:

Technical Enquiries
0044 (0) 1704 516509

General Enquires

Tel: 0044 (0) 1704 516500
Fax: 0044 (0) 1704 516501
E-mail: enquiry@united-automation.com

United Automation Ltd,
Southport Business
Park,
Kew, Southport
PR8 4HQ
ENGLAND.



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