

TEST REPORT

Report Number: 100299095DAL-002a

Project Number: G100299095

Report Issue Date: January 31, 2011

Product Designation: Model RC-2000
Omnistat2 Programmable Communicating Thermostat

Standards: IEC 60730-2-9: 2000, Automatic Electrical Controls for Household and Similar Use – Part 2-9: Particular Requirements for Temperature Sensing Controls.
IEC 60730-2-11:1993, A1:1994, A2:1997, Automatic Electrical Controls for Household and Similar Use Part 2: Particular Requirements for Energy Regulators.
FCC 47CFR 15B: 2007 Title 47 CFR Part 15 Subpart B Unintentional Radiators Class B
IEC 61000-3-2: 2009; EN 61000-3-2: 2009 Electromagnetic Compatibility (EMC) - Part 3-2: Limits- Limits for harmonic current emissions
IEC 61000-3-3: 2008; EN 61000-3-3: 2008 Electromagnetic Compatibility (EMC) - Part 3-3: Limitation of Voltage Changes, Voltage Fluctuations & Flicker

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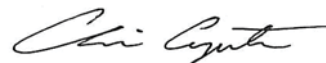
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1 Introduction and Conclusion

The tests indicated in section 2.0 were performed on the product constructed as described in section 3.0. The remaining test sections are the verbatim text from the actual data sheets used during the investigation. These test sections include the test name, the specified test Method, a list of the actual Test Equipment Used, documentation Photos, Results and raw Data. No additions, deviations, or exclusions have been made from the standard(s) unless specifically noted.

Based on the results of our investigation, we have concluded the product tested complies with the requirements of the standard(s) indicated. The results obtained in this test report pertain only to the item(s) tested.

2 Test Summary

Section	Test full name	Test date	Result
3	Description of Equipment Under Test	N/A	N/A
4	System setup including cable interconnection details, support equipment and simplified block diagram	N/A	N/A
5	Performance Criterion of the Equipment when tested against the immunity requirements for the European CE Mark	N/A	N/A
6	Electrostatic Discharge Immunity Test (IEC 61000-4-2)	01/29/11	Pass
7	Radiated, radio-frequency, electromagnetic field immunity test (IEC 61000-4-3)	01/18/11	Pass
8	Electrical Fast Transient/Burst Immunity Test (IEC 61000-4-4)	01/29/11	Pass
9	Immunity to Surge (IEC 61000-4-5)	01/30/11	Pass
10	Conducted, radio-frequency, electromagnetic field immunity test (IEC 61000-4-6)	01/21/11	Pass
N/A	Power Frequency Magnetic Field Immunity Test (IEC 61000-4-8)	N/A	Note
11	Voltage Dips/Interruptions Test (IEC 61000-4-11)	01/24/11	Pass
12	Radiated Emissions	01/18/11	Pass
13	AC Mains & Telco Conducted Emissions	01/18/11	Pass
14	Electromagnetic Disturbance Power	01/30/11	Pass
15	Harmonics (IEC 61000-3-2)	01/24/11	Pass
16	Flicker (IEC 61000-3-3)	01/24/11	Pass

Note: Not applicable. EUT does not contain devices susceptible to magnetic fields.