Data Sheet

LX Programmable Thermostat for Electric Floor Heating Applications

Developed for the modern home, the LX programmable thermostat offers maximum comfort and a stylish design. The installation design of the thermostat has been carefully thought through ensuring quick and easy installation.

- Large backlit display for easy programming
- Simple to program with intuitive on-screen menus
- Pre-programmed for quick setup
- Monitored energy consumption
- Four-event seven-day ENERGY SAVING programming
- Dual voltage: 120V or 240V
- Output relay: 15A
- Class A GFCI for maximum safety
- Easily upgrade older model LX thermostats

Technical Data

Supply: 120/240 VAC, 50/60 Hz
Max. Load: 15A maximum (resistive load)
Power: 1800W at 120 VAC / 3600 at 240 VAC
GFCI: Class A (5 mA trip level)
Temperature Range: 41°F to 104°F (5°C to 40°C)
Floor Limit Range: 41°F to 104°F (5°C to 40°C)
Ambient Temp. Range: 32°F to 104°F (0°C to 40°C)
Clock Function: 4-event program
On/Off Differential: 0.7°F (0.4°C)
Regulation Principle: PWM / PI
Housing: NEMA 2 (IP21)
Floor Sensor Type: NTC (12 KΩ) 10 ft. (3 m)
Dimensions (HxWxD): 4.8” x 3.0” x 1.0” (123mm x 75mm x 25mm)
Typical Application

![Diagram of LX Electric Floor Heating Mats and Cables](image)

Ordering Information

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
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<tbody>
<tr>
<td>088L5130</td>
<td>LX Programmable Thermostat with Floor Sensor</td>
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</tbody>
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Applications

Danfoss Electric Heating Products

- LX Electric Floor Heating Mats and Cables
- TX-FH Floor Heating Cables
- TX-SH Storage Heating Cables

Accessories

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
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<tbody>
<tr>
<td>088L5135</td>
<td>Power Module with GFCI</td>
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<tr>
<td>088L3450</td>
<td>Single Contactor, 600V Max (120V Coil Voltage)</td>
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<tr>
<td>088L3451</td>
<td>Single Contactor, 600V Max (208V-240V Coil Voltage)</td>
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Warranty

Danfoss offers a two year limited warranty covering defects in workmanship and materials.

Technical Services

For technical questions, please contact Danfoss Heating Division North America at 1-866-676-8062.

More information on Danfoss Electric Heating products is available at [www.LX.Danfoss.com](http://www.LX.Danfoss.com).

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