

Danfoss LX

Electric Floor Heating



Electric Floor Heating Thermostats

The Danfoss LX Thermostat raises the bar for aesthetic appeal while offering industry-leading functionality. The LX electronic thermostat offers optimum comfort and numerous user-friendly features:

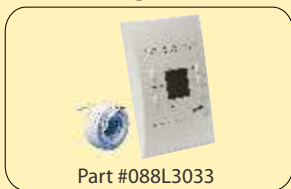
- Large backlit display for easy programming
- Includes Class-A GFCI for safety (approved for wet locations)
- Simple to program with intuitive on-screen menus
- Monitor energy consumption
- Dual voltage capabilities (120V or 240V)
- Four-event seven-day ENERGY SAVING programming
- Easily upgrade older model LX thermostats

Technical Data	LX Thermostats
Temperature range:	40°F to 104°F 5°C to 40°C
Ambient temperature range:	32°F to 104°F 0°C to 40°C
GFCI:	Class A (5mA trip level)
Supply voltage:	120V-240V max., 50/60Hz
Max.load:	15A max (resistive load)
Max. power:	1,800W at 120VAC 3,600W at 240VAC
Programmable Thermostat Dimensions (HxWxD):	4.80 x 3.0 x 1.0 inches 123 x 75 x 25 mm
Manual Thermostat Dimensions (HxWxD):	4.65 x 2.90 x 1.90 inches 118 x 74 x 48 mm



Note: Non-programmable thermostats do not provide full GFCI protection when operated at 208V or 240V.

Non-Programmable



Ordering Information	LX Thermostats	120V-240V
Part No.	Description	
088L5130	LX Programmable Thermostat with Floor Sensor	
088L5132	LX Programmable Thermostat with Air Sensor (and floor temperature limiter)	
088L3033	LX Non-Programmable Thermostat with Floor Sensor	
088L3034	LX Non-Programmable Thermostat with Air Sensor	

Note: Floor sensing thermostats include a flexible floor sensor with 10 ft lead.

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LX POWER MODULE

The new LX Series Power Module makes it easy to connect more heating mats or cables to the same thermostat without the need for contactor panels.

- An easy control solution for large areas
- Receives on/off command from the main thermostat
- Each Power Module adds 15A switching capability
- Can add up to five PM's to any thermostat
- Includes GFCI protection!
- For use with programmable LX thermostats only



Ordering Information		Timer/Contactor Panels		
Part No.	Description	Max. Amps	Coil Voltage	No. of Contactors
088L5135	Power Module with GFCI	15	24	1
088L3450	Single Contactor, 600V	40	120	1
088L3451	Single Contactor, 600V	40	208-240	1
088L3456	Single Contactor, 600V	60	120	1
088L3457	Single Contactor, 600V	60	208-240	1
088L3441	Contactor Panel without timer, 600V	100	120	2
088L3443	Contactor Panel without Timer, 600V	200	120	4

Contactor or LX Power Module is required for loads exceeding 15 Amps on single thermostat.
 All contactors are complete with NEMA 1 enclosure
 100A contactor panels consist of two, 3P, 50A contactors
 200A contactor panels consist of four, 3P, 50A contactors
 See page 16 for technical data and dimensions

Electric Floor Heating Accessories

Ordering Information		LX Accessories
Part No.	Description	
088L1050	Cable strapping (15ft.)	
088L1051	Cable strapping (75ft.)	
088L3008	Replacement floor sensor for LX thermostat	
088L0014	LX repair kit (includes: crimp connectors, repair wire, heat shrink tubes)	
19809099	LX flexible conduit tube for floor sensor (8 feet)	
088L0028	Little Buzzer - continuity alarm	

LITTLE BUZZER - CONTINUITY ALARM

Simplify your installation process by using the Little Buzzer by Danfoss! The Little Buzzer is designed to monitor Danfoss heating mats and/or cable during installation process and sounds an alarm if the heating elements are cut or damaged. This allows an easy repair before the floor coverings are laid. The device is battery powered. (batteries included)

NOTE: A continuity alarm does not replace the need for measuring and verifying the Ohm resistance three times throughout the installation for warranty purposes.

