

Control Solutions

Complete Range of Control Solutions to Increase Heating Cable Efficiency and Reduce Installation Costs

Control devices are a beneficial optional accessory when incorporated with any Heat-Line freeze protection system. Regardless of the overall system length and or operating voltage, a Heat-Line control will reduce energy costs by decreasing overall energy consumption, and when integrated into larger system designs drastically reduces installation costs.
















A thermostat can be added to Heat-Line systems in order to duty cycle the heating cable at a specified temperature, where as a timer can be added to duty cycle the heating cable at specific timed intervals. Snow melting controls provide automatic on/off operation for snow melting installations based on precipitation and temperature, while contactor panels provide a single point of electrification and control for multiple circuits of heating cable..



See more product information, videos, photos, technical documents, and more



Thermostats / Timers

Image	Part Number	Description
	HLA-120	120V 15A indoor plug-in thermostat, 6.7m (22ft) sensor lead, adjustable set-points, minimum temperature setting 7°C (45°F)
	HLJ-STAT	120V 15A indoor plug-in thermostat, 6m (19.6ft) sensor lead, adjustable set-points, minimum -34°C (-30 °F)/maximum 100°C (212°F)
	GFA-STAT	120-240V 30A indoor/outdoor hard wire thermostat c/w GFEP (30mA), 6.1m (20ft) sensor lead, adjustable temperature set points of 30°F, 38°F, 45°F or 50°F (-1.1°C, 3.3°C, 7.2°C, 10°C)"
	GPT-130	120-240V 30A indoor/outdoor hard wire thermostat c/w GFEP (30mA), 6.1m (20ft) sensor lead, adjustable temperature set points -40 °F to 230 °F (-40 °C to 110 °C)
	HLP-STAT	120/240V 15A indoor/outdoor hard wire thermostat, 3.1m (10ft) sensor lead, adjustable set points, 0°F to 120°F (-18°C to 45°C), NEMA 4X
	KHL-STAT-2	6/28V 20A indoor/outdoor hard wire thermostat, on at 45°F (7°C) and off at 50°F (10°C), incorporated RTD sensor
	HL-TIMER-CS	120/240V 20A indoor hard wire timer, eight field selectable cycles durations (30 sec., 1 min., 3 min., 5 min., 10 min., 30 min., 1 hr. and 4 hrs.)
	HL-TIMER-240P	240V 15A indoor plug-in timer, eight field selectable cycles durations (30 sec., 1 min., 3 min., 5 min., 10 min., 30 min., 1 hr. and 4 hrs.)
	HL-TIMER-120P	120V 15A indoor plug-in timer, eight field selectable cycles durations (30 sec., 1 min., 3 min., 5 min., 10 min., 30 min., 1 hr. and 4 hrs.)
	FPC-02-120-OD	120V 30A indoor/outdoor hard wire digital thermostat c/w GFEP (30mA), 10m (30ft) sensor lead, adjustable set-points, hold on/off time delay and manual on duration
	FPC-02-240-OD	240V 30A indoor/outdoor hard wire digital thermostat c/w GFEP (30mA), 10m (30ft) sensor lead, adjustable set-points, hold on/off time delay and manual on duration
	FRIO-S1-A	120/240V 30A indoor/outdoor hard wire digital thermostat c/w GFEP (30-300mA) and WIFI/ Ethernet connectivity, 6.1m (20ft) sensor lead, adjustable set-points and remote access control
	1660-13A11	120/240V indoor/outdoor hard wire thermostat, 3.1m (10ft) sensor lead, adjustable set points, 25°F- 325°F (-3.9°C - 162.8°C), NEMA 4X
	1660-13A12	120/240V indoor/outdoor hard wire thermostat, 3.1m (10ft) sensor lead, adjustable set points, 25°F- 325°F (-3.9°C - 162.8°C), FM Class 1 Div 1
	1660-18911	120/240V indoor/outdoor hard wire thermostat, ambient sensing only, adjustable set points, 15°F- 140°F (-9.4°C - 60°C), NEMA 4X

Snow / Ice Melt Controls and Sensors

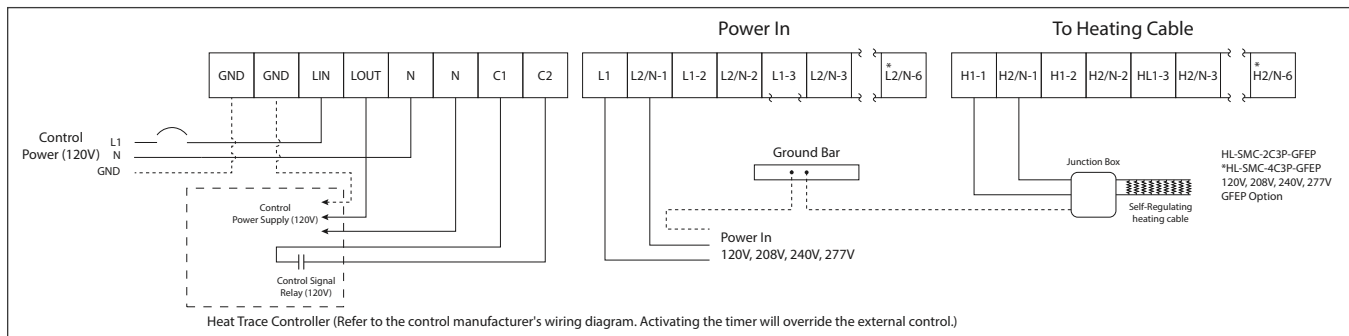
Image	Part Number	Description
	GF-PRO-CONTROLLER	120/240V 30A indoor/outdoor automatic snow/ice melt controller with GFEP (30mA) and hold-on timer
	PD-PRO-CONTROLLER	120/240V 30A indoor/outdoor automatic snow/ice melt controller and hold-on timer
	LCD-8	120/240V 16A outdoor aerial snow/ice melt controller
	GIT-1	Gutter ice sensor (requires controller, PD-PRO or GF-PRO)
	SNOW-OWL	Aerial snow sensor (requires controller, PD-PRO or GF-PRO)
	DS-8C-CONTROLLER	120/240V 30A outdoor rain/snow sensor controller with remote 10' Sensor
	DS-8C-EX-50	Rain/snow sensor extension 50' kit for DS-8C-CONTROLLER
	CDP-2-RC-DP	Indoor snow sensor control/display panel for DS-8C-CONTROLLER
	PYROBOX-1-CONTROL	240V 30A indoor/outdoor automatic snow/ice melt controller with GFEP (30mA), adjustable set-points, hold on/off time delay and manual on duration
	PYRO-SENSE-GUTTER	Gutter ice sensor (requires controller, PYROBOX-1-CONTROL)
	PYRO-SENSE-AERIAL	Aerial snow sensor (requires controller, PYROBOX-1-CONTROL)
	PYRO-SENSE-SB	Snow sensor wall mounted adjustable metal arm (requires sensor, PYRO-SENSE-AERIAL)

Contactor and Control Panels

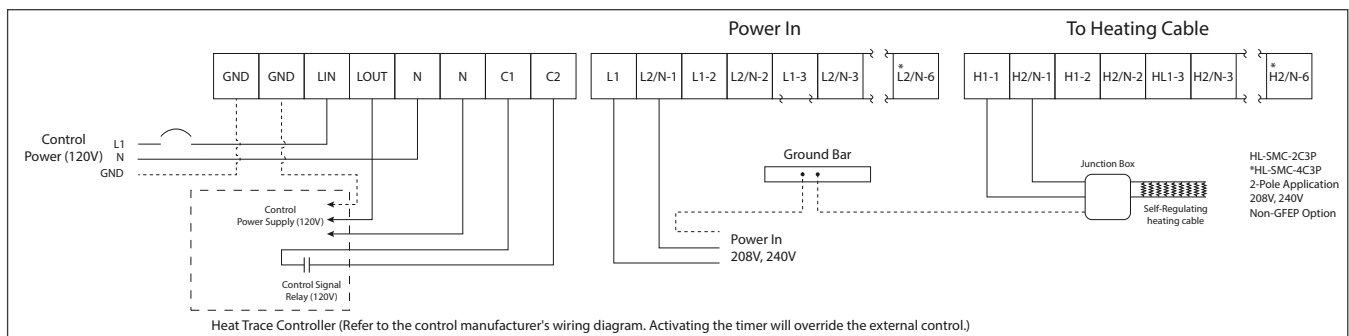


Part Number	Description
HL-SMC-2C3P-GFEP	120/240V indoor GFEP heat trace contactor panel 2 3-pole contactors, 50A load capacity per pole, integrated 4-hour timer or indefinite hold
HL-SMC-4C3P-GFEP	120/240V indoor GFEP heat trace contactor panel 4 3-pole contactors, 50A load capacity per pole, integrated 4-hour timer or indefinite hold
HL-SMC-2C3P	120/240V indoor heat trace contactor panel 2 3-pole contactors, 50A load capacity per pole, integrated 4-hour timer or indefinite hold
HL-SMC-4C3P	120/240V indoor heat trace contactor panel 4 3-pole contactors, 50A load capacity per pole, integrated 4-hour timer or indefinite hold

HL-SMC-2C3P-GFEP / HL-SMC-4C3P-GFEP GFEP Option Wiring Diagram



HL-SMC-2C3P / HL-SMC-4C3P 2-Pole Application 208V, 240V Non-GFEP Option Wiring Diagram



HL-SMC-2C3P / HL-SMC-4C3P Single Pole Application 120V, 277V Non-GFEP Option Wiring Diagram

