



## Description

The SLC500 Control Unit houses the appropriate sized step-down Transformer and the other electronic components necessary to provide low-voltage electricity to the heating element. The SLC500 continually monitors the system's operation, and is self-testing and problem diagnosing. It is engineered to provide simple and problem free operation

Is used with the following transformers: S050, S025 and S101

System operates on 120 volts

Dimensions: 12.25" wide, 12.25" tall, 6" deep

The SLC500 Control Unit Kit includes the  
Control Unit  
PC Board  
Sheet Metal Enclosure  
50" Thermostat Wire  
25' #2 Cold Lead  
Hardware Kit

## Uses

One SLC500 can energize one area, or can energize multiple areas that have been "jumpered" (connected in series) together on the same system.



## Features

- Soft Start circuits that turn the Transformer on without a high in-rush current or power surge.
- Safety circuits that monitor for shorting and arcing, transformer over temperature, over current and under current, and power problems.
- Thermostat Wire and Cold Lead included for a simplified rough-in process.
- May be used to energize either Tuff Cable or ZMesh heating elements.
- May be used for radiant snow melting, radiant roof deicing, radiant floor warming or radiant in-floor space heating.
- A status LED that indicates when the system is energized and working, off, or in need of attention.

