

# SS-1 Automatic Snow/Ice Melting Controller

cULus:  
Ordinary Locations

## Applications

- The SS-1 Automatic Snow Controller has been designed and manufactured for the sole intended use of controlling heating cables in residential and commercial snow melting applications such as: sidewalks, driveways, parking garage entrances, etc.

## Features

- The SS-1 uses microprocessor technology to reduce energy consumption by energizing the heating cable only when the right conditions of temperature and snowfall occur.
- The snow and temperature sensors detect snow or ice conditions and activate, through a power relay, the heating system.
- Supplied with a LED indicator light.
  - This light switches on and turns red if the snow sensor is dirty and needs to be cleaned. This red LED light will switch off automatically when the snow sensor is cleaned.
  - The LED light turns green every time the power relay is activated and will switch off if the power relay is off.
- Operating temperature: +3°C (+38°F +/-1°F)
- Power switch OFF temperature +45°C (+112°F)
- Power switch ON temperature +30°C (+86°F)
- Working temperature: -40°C to +65°C (-40°F to +150°F)
- Storage temperature: -45°C to +70°C (-49°F to +160°F)
- Relative Humidity: 0 to 100%
- Power supply voltage: 120 Vac
- Frequency: 50/60 Hz
- Maximum power consumption: 60W
- Output type: 16A Relay at 250 Vac



## Certifications and Compliances

- UL Standard: UL 873 Temperature-Indicating and -Regulating Equipment
- CSA Standard: CSA C22.2 No. 24-93 Temperature-Indicating and -Regulating Equipment Certified for Canada

## Outline

