



APS-4C

SNOW MELTING / ROOF DE-ICING

Automatic Snow and Ice Melting System Control

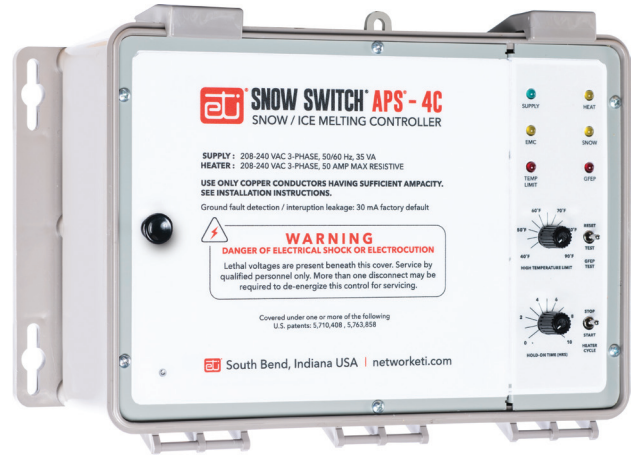
DESCRIPTION

The APS-4C when used with one, or more, compatible sensors automatically controls snow/ice melting heaters for minimum energy costs. Applications include pavement, sidewalk, loading dock, roof, gutter and down spout snow/ice melting in commercial and industrial environments.

The APS-4C provides a relay closure interface for use with energy management computers (EMC). This feature can also be used for general purpose remote control and annunciation and other advanced applications

The adjustable hold-on timer continues heater operation for up to 10 hours after snow stops to ensure complete melting. The optional RCU-4 remote control unit can be located to conveniently observe system operation.

The APS-4C also allows for safe testing at outdoor temperatures too high for continuous heater operation. The temperature sensor is included. All wiring is NEC Class 2. This simplifies installation while enhancing fire and shock safety.



FEATURES

Operating temperature

- -40 °C to 71 °C (-40 °F to 160 °F).

Storage temperature

- -45 °C to 82 °C (-50 °F to 180 °F).

Voltage

- 208-240VAC, 35VA, 3-phase 50/60 Hz.
- 600VAC, 50VA, 3-phase 50/60 Hz.

Construction

- NEMA 3R protection.
- Lockable polycarbonate cover.
- Wall mounted with multiple entries.

Snow/ice sensors

- Multiple sensor capability (NEC Class 2).

Ground fault protection

- 30 mA (default); 60 mA and 120 mA selectable by DIP switch.

Warranty

- 2-year limited warranty.

High limit thermostat

- Adjustment range: 4 °C to 32 °C (40 °F to 90 °F).
- Lead length:
 - up to 500 ft. (152 m) using 18 AWG 2-wire jacketed cable.
 - up to 2,000 ft. (609 m) using 12 AWG 2-wire jacketed cable.

Interface

- Energy management computer interface (EMC).
- Use for general purpose remote control, annunciation and advanced applications.

Compatible cables

- Accommodates MI, constant wattage and self-regulating cables.

Installation

- Access all electronics by just removing four screws.
- Wall mounted enclosure with multiple entries and lockable cover.

Connection

- 1x 1-1/16" entry (top) for NEC Class 2 connections.
- 2x 1-11/16" entries (bottom) for supply and load power, except 277VAC single phase.
- 2x 1-1/16" entries (bottom) for supply and load power, 277VAC single phase only.

OPTIONAL RCU-4

Remote control unit

- The RCU-4 remote control unit provides convenient monitoring and operation.



MODELS

PRODUCT #	DESCRIPTION	VOLTS	AMP.
APS-4C-208-240V	Automatic snow and ice melting system control	208-240 3ph	50
APS-4C-600V	Automatic snow and ice melting system control	600 3ph	50
RCU-4	Remote control unit for APS-4C, SC-40C and GF-PRO	--	--