



APS-3C SNOW MELTING / ROOF DE-ICING

Automatic Snow and Ice Melting System Control

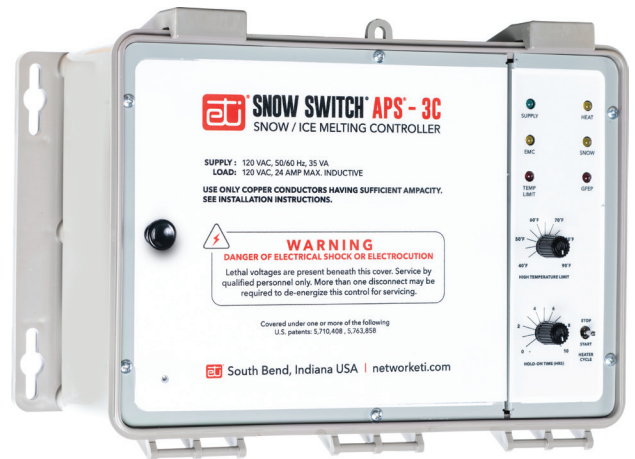
DESCRIPTION

The APS-3C when used with compatible sensors automatically controls snow/ice melting heaters, ensuring minimum operating costs. Typical applications include pavement, sidewalk, loading dock, roof, gutter and down spout snow/ice melting.

The APS-3C 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-3 remote control unit can be located to conveniently observe system operation.

The APS-3C 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

- 120VAC, 50/60 Hz, 35 VA.
- 208-240VAC, 50/60 Hz, 35 VA.

Construction

- NEMA 3R protection.
- Wall mounted, polycarbonate cover.
- 3x 1-1/16" entries.

Snow/ice sensors

- Up to 6 sensors (NEC Class 2).

Warranty

- 2-year limited warranty.

Operation

- Operates electrically and manually.
- Held contactors for pilot duty applications.

Interface

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

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 1,000 ft. (304 m) using 12 AWG 2-wire jacketed cable.

Compatible cables

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

Installation

- Access all electronics by just removing four screws.

OPTIONAL RCU-3

Remote control unit

- The RCU-3 remote control unit provides convenient monitoring and operation.



MODELS

PRODUCT #	DESCRIPTION	VOLTS	AMP.
APS-3C-120V	Automatic snow and ice melting system control	120	24
APS-3C-208-240V	Automatic snow and ice melting system control	208-240 1ph	24
RCU-3	Remote control unit for APS-3C, PD-PRO and EUR-5A	--	--