



# SC-40C

## SNOW MELTING / ROOF DE-ICING

### Satellite Contactor for Modular Snow Melting Control

## DESCRIPTION

The SC-40C satellite contactor answers the need for cost effective modular snow melting heater control. One or more units, when used with an APS-4C control panel acting as the master control, allow for modular snow melting system design. There is no limit to the number of contactors that can be interfaced in a single system. This approach reduces front end design, hardware and installation costs while providing a number of useful features that would be otherwise too expensive and complex to implement.

The adjustable hold-on timer can initiate heater operation on each SC-40C for up to 10 hours to ensure complete melting and to compensate for differences between zones. The optional RCU-4 remote control unit can be located where system operation can be conveniently observed.

Each SC-40C provides a complete energy management computer (EMC) interface. This feature provides remote access for advanced applications requiring remote or zone control along with remote annunciation.



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

### Construction

- NEMA 3R protection.
- Wall mounted, polycarbonate cover.
- 1x 1-1/16" entry (top) NEC Class 2.
- 2x 1-1/16" entries (bottom) for supply and load power.

### Warranty

- 2-year limited warranty.

### Ground fault protection

- Advanced patent and patent pending ground fault protection.

### System

- Modular power control with no size limit.

### Operation

- Staged heater operation for high power quality.

### 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.

### Compatible cables

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

### Installation

- Access all electronics by just removing four screws.

## OPTIONAL RCU-4

### Remote control unit

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



## MODELS

PRODUCT #	DESCRIPTION	VOLTS	AMP.
SC-40C-208-240V	Satellite contactor for modular snow melting control with GFEP	208-240 3ph	50
SC-40C-600V	Satellite contactor for modular snow melting control with GFEP	600 3ph	50
RCU-4	Remote control unit for APS-4C, SC-40C and GR-PRO	--	--