SC-40C
Satellite Contactor

- **Low Cost Control of Larger Snow Melting Systems**

- **Contactor Rating of 50 Amps Per Pole**

- **Supply Options: 208, 240, 277 and 480 volts**

- **Single and Three-Phase Power Control**

- **Grount Fault Equipment Protection with Adjustable Trip Levels: 30mA, 60mA or 120mA**

- **UL Listed, CSA Certified**

- **Self-Test Feature**

- **Simple Installation**

- **Low Cost**

Description

The patented SC-40C Satellite Contactor is a power control peripheral for a APS-4C Snow Switch and similar Environmental Technology, Inc. products. The APS-4C Snow Switch operates the SC-40Cs whenever its contactor operates. That is, during snow and for the hold-on time thereafter.

The integral ground fault circuit interrupter (GFCI) along with a test/reset facility ensure safety along with NEC and local code compliance. Partitioning heater loads for multiple SC-40Cs prevents the nuisance GFCI tripping that is often unavoidable when controlling a large system with a single contactor. The self-test facility operates heaters for one minute with a duty cycle limited to 33% for safer heater testing during the summer months.

An APS-4C operates up to ten SC-40Cs. The size and location of the heaters determines the number of SC-40Cs required. The APS-4C and its SC-40Cs can be separated by up to 1,000ft (305m).

Supply voltage options include 277 volt single-phase, 208-240 volts 3 phase, or 277/480 volt 3 phase, with a contactor rating of 50 amps per pole. For installation simplicity, SC–40C control wiring is NEC Class 2.

The SC-40C's non-metallic enclosure is rated for protected NEMA 3R locations in the temperature range of -40˚ to 160˚F (-40˚ to 60˚C).

Specifications and Ordering Information

Model Number	PCN	Stock
SC-40C Satellite Contactor (277 Volt Single Phase)	389870	NS
SC-40C Satellite Contactor (208-240 Volt 3-Phase)	**389888**	**S**
SC-40C Satellite Contactor (277/480 Volt 3-Phase)	**389896**	**S**
Stock Status: **S** = stock AS = assembly stock NS = non-stock **To Order**—Specify model, PCN and quantity.		

SNOW MELTING CONTROLS

CHROMALOX