

# SCA-DUAL

## ADVANCED ROOF & GUTTER CONTROL

### FEATURES & BENEFITS

- Operates electrically- and mechanically-held contactors for pilot duty applications
- Voltage: 100 - 277 Vac; 50/60 Hz
- Features weather-resistant NEMA 4X enclosure
- C-UL-US Listed
- Adjustable hold-on timer continues heater operation up to 8 hours after snow and ice accumulation stop to ensure complete melting
- Maximum 2 sensor capability
- Automatic and manual override operator controls
- Use with the GTR-SS and/or AIR-SS
- Handles resistive loads up to 30 amps



Minimize Operating Costs



Automatic and manual-override operator controls

Easy to Operate



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## About the Advanced Roof & Gutter Control

The SCA-DUAL provides for advanced control of snow melting and roof and gutter deicing systems to minimize operating costs. It operates electrically- and mechanically-held contactors for pilot duty applications. With automatic and manual override operator controls, the SCA-DUAL includes an adjustable hold-on timer to continue heater operation up to 8 hours after snow and ice accumulation stop to ensure complete melting.

Featuring a weather-resistant NEMA 4X enclosure, this unit handles resistive loads up to 30 amps and operates at 100 - 277 Vac and 50/60 Hz. C-UL-US Listed, the SCA-DUAL has a maximum 2 sensor capability and can be used with the GTR-SS and/or AIR-SS-2 sensors.

## PRODUCTS



**SCP-120**  
Advanced Snow  
Melt Control



**RCO - Remote  
Control Override**



**GTR-SS**  
Gutter-Mounted  
Ice Sensor



**AIR-SS-2**  
Aerial Mounted  
Snow Sensor

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## Specifications

### SCA-DUAL Advanced Snow Melt Control

Area of use	Nonhazardous locations
Approvals	109R Type 873 Temperature Regulating Equipment
Enclosure	Protection NEMA 4X
Material	Polycarbonate
Mounting	Wall mount
Dimensions	5 1/2" (L) x 8 1/8" (W) x 4 3/8" (H) / 140mm (L) x 207mm (W) x 112mm (H)
Supply voltage	100 – 277 VAC; 50/60 Hz
Load	7 amp maximum inductive 30 amp maximum resistive
Contact type	2 Form A
Weight	3 Pounds (not including sensors)
Maximum ratings	Voltage: 120 VAC
Current:	30 amps
Heater Hold-On timer	0 to 8 hours; actuated by snow stopping or toggle switch
System test	Switch toggles heater contact on and off. If temperature exceeds optional high limit thermistor (45°F), heater shuts off to reduce costs and prevent damage.
Status indicator	SUPPLY (green): Power on HEAT (yellow): Heating cycle in progress SNOW (yellow): Sensor(s) detect snow

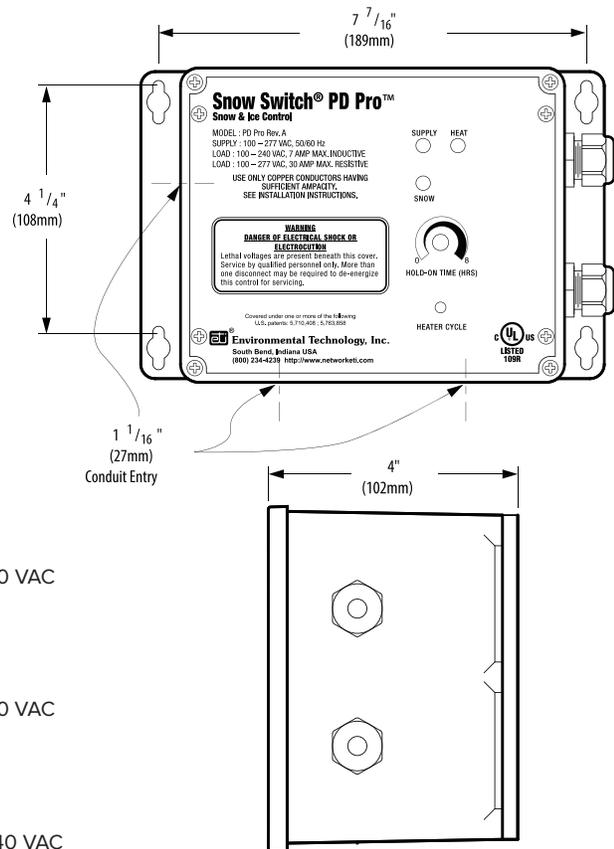
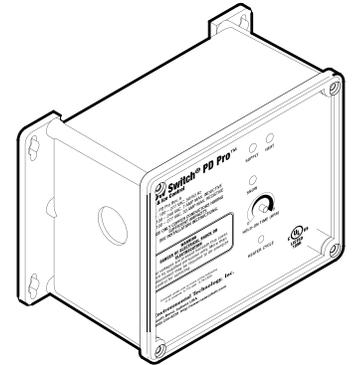
### Snow/Ice Sensors

Sensor type	Up to 2 sensors
Circuit type	NEC Class 2
Lead length	Up to 500' (152m) using 18 AWG 3-wire jacketed cable, Up to 2,000' (609m) using 12 AWG 3-wire jacketed cable

### RLY-Series

Model	RLY-4PL
Enclosure	NEMA 1
Dimensions	10" x 8" x 4" (254mm x 203mm x 102mm)
Contains	2 relays for a total of 4 poles
Controls	4 circuits at 120 VAC or 277 VAC or 2 circuits at 208 VAC or 240 VAC
Model	RLY-8PL
Enclosure	NEMA 1
Dimensions	12" x 10" x 4" (305mm x 254mm x 102mm)
Contains	4 relays for a total of 8 poles
Controls	8 circuits at 120 VAC or 277 VAC or 4 circuits at 208 VAC or 240 VAC
Model	RLY-12PL
Enclosure	NEMA 1
Dimensions	16" x 12" x 4" (406mm x 305mm x 102mm)
Contains	6 relays for a total of 12 poles
Controls	12 circuits at 120 VAC or 277 VAC or 6 circuits at 208 VAC or 240 VAC

NOTE: Relays do NOT contain circuit breaker devices



## ORDERING

### Accessories

AIR-SS-2	Aerial Mounted Snow Sensor
GTR-SS	Gutter Mounted Ice Sensor
SMP	Snow Melting Plaque

### LIMITED WARRANTY

WarmlyYours' two year limited warranty covering defects in workmanship and materials applies. Contact Warmly Yours at (800) 875-5285 or go to [www.WarmlyYours.com](http://www.WarmlyYours.com) for complete information

For more information, operating and technical manuals, please refer to [www.warmlyyours.com](http://www.warmlyyours.com).

\*Product specifications are subject to change.