



# PD PRO

## SNOW MELTING / ROOF DE-ICING

### Dual Sensor Controller

## DESCRIPTION

The PD Pro is an automatic snow and ice melting control system. Utilizing standard environmental technology snow and ice sensors (sold separately), applications include snow and ice detection and melting for pavement, sidewalks, loading docks, roofs, gutters and downspouts in commercial and residential environments. The PD Pro interfaces with up to two sensors to meet site requirements. Roof or mast mounted, it can be paired with either the GIT-1 gutter ice sensor (gutter de-icing applications) or the SIT-6E pavement-mounted sensor (trafficked surface de-icing applications).

The sensors detect precipitation as snow at temperatures below 3.3 °C (38 °F). The PD Pro is signaled only if moisture occurs below this temperature, saving energy and ensuring thorough snow and ice melting. It features automatic and manual-override operator controls. The adjustable hold-on timer continues heater operations up to 8 hours after snow or ice conditions end to ensure complete melting.



## FEATURES

### Operating temperature

- -35 °C to 45 °C (-31 °F to 113 °F).

### Storage temperature

- -55 °C to 75 °C (-67 °F to 167 °F).

### Voltage

- 100-277VAC 50/60 Hz.

### Indicators

- Supply: Green LED power is on.
- Heat: Yellow LED heater cycle in progress.
- Snow: Yellow LED sensors detect snow.

### Warranty

- 2-year limited warranty.

### Sensors

- Dual sensor capability to meet site performance requirements.

### Load rating

- Rated for up to 7A inductive loads for pilot duty applications.
- Resistive loads up to 30A.

### Protection

- Integral 30 mA ground fault equipment protection (GFEP).

### Hold-on-timer

- Adjustable timer.
- Heater operates after snow and ice stop to ensure melting.

### Controls

- Automatic and manual-override operator controls.
- Suited for changing environmental conditions.

### Construction

- Weather-resistant NEMA 4X enclosure.

## OPTIONAL RCU-3

### Remote control unit

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



## MODEL

PRODUCT #	DESCRIPTION	VOLTS	AMP.	PROTECTION
PD-PRO	NEMA 4X dual sensor controller for snow and ice melting systems	100-277	7A inductive, 30A resistive	--
RCU-3	Remote control unit for APS-3C, PD-PRO and EUR-5A	--	--	--