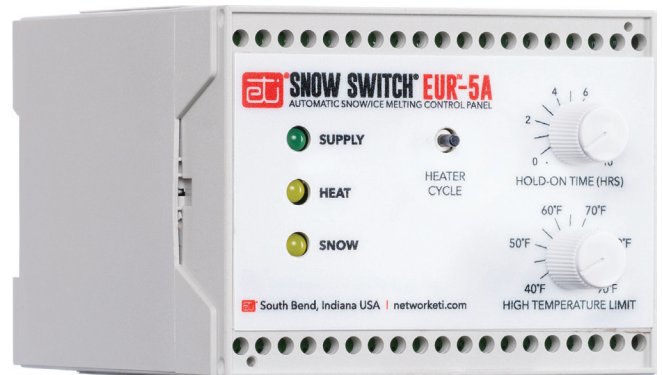# EUR-5A
SNOW MELTING / ROOF DE-ICING
24V Controller with Remote Control Unit

DESCRIPTION

The EUR–5A provides automatic control of a snow and ice melting system. It includes an interface for environmental sensors, heater contactors, and a building energy-management computer (if present). It comes with an RCU-3 remote control unit that can be mounted in a convenient place where an operator can monitor conditions and adjust the system operation accordingly.

The EUR–5A accommodates up to six environmental sensors. Using at least two environmental sensors improves system performance through superior coverage. When multiple sensors are connected, any one of them detecting snow or ice conditions will signal for the heating process to start.

The EUR–5A is compatible with all ETI snow and ice sensors and also includes a high temperature limit sensor for maximum energy efficiency. The high temperature limit can save energy by turning the heat off when the temperature is high enough for natural melting to occur.

FEATURES

Operating temperature
• -40 °C to 60 °C (-40 °F to 140 °F).

Storage temperature
• -55 °C to 75 °C (-67 °F to 167 °F).

Voltage
• 24V +/- 20%; NEC Class 2 power source.

Indicators
• Supply:
  Green LED indicates power is present.

• Heat:
  Yellow LED indicates heater output is on.

• Snow:
  Yellow LED indicates snow or ice detected.

Warranty
• 2-year limited warranty.

Installation
• 35 mm DIN rail or bulkhead mounting.
  Allows control unit to be conveniently mounted in a panel.
• NEC Class II operation for safe and easy installation.

Automation
• Building and energy management computer interface (EMC).
• Fully automatic control ensures continuous operation to prevent ice buildup with minimal energy use.

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

Sensors
• Six-sensor capability to provide the system with complete environmental conditions information.
• High temperature limit sensor for energy efficient operations.

Hold-on timer
• Adjustable timer continues operation for up to 10 hours.
• Ensures complete melting and sufficient drying time ro prevent re-freezing.

RCU-3 INCLUDED

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

MODELS

PRODUCT #	DESCRIPTION	VOLTS	AMP.
EUR-5A	24V controller for snow and ice melting systems c/w RCU-3 remote control unit	21-28VDC	1