



& ASSOCIATES, INC.

heat tracing specialists

RSD 4.5

SNOW MELTING CONTROLLER

Description

The RSD 4.5 is a snow melting system controller which utilizes remote moisture and temperature sensors. Controller is fully automatic, it senses both moisture and temperature during precipitation that could result in ice formation. The system operates only when ice or melt runoff water is detected. System can be manually operated, or is fully automatic. Control panel has indicators to allow visual confirmation of automatic enabled mode and indicate when the heater is on. The RSD 4.5 comes with a built-in 35A contactor for use with 120V-277V. Other contactors can be substituted for greater loads. Please provide system voltage when ordering. When combined with P/N 5248, the RSD 4.5 can be configured for wireless control/monitoring using remote sensors. This enables communication over great distances where wired sensors is impractical and cumbersome. This is ideal for industrial, commercial and some residential applications. The RSD 4.5 can also be interfaced with other systems for greater visibility.



Remote Temperature Sensor

Remote Moisture Sensor

Specifications

Energize temperature: 38°F
Minimum on time: 1 hour
Control voltage: 120-277VAC (Specify voltage)
Built-In contactor: 35A resistive @ 120-277VAC
Contactor Output: T1 and T2
Mounting Options: Indoor/Outdoor
Control toggle features AUTO/OFF/ON push button
Default setting: AUTO
Energy Saving Features: Auto toggle @ 70°F for 10 min.

Note: Turn off power to during Summer months. Always de-energize unit prior to maintenance.

Features

- Features a hold-on timer which will continue to apply heat for a time after the icing condition stops. This allows the heater to completely melt remaining snow and ice.
- Controller is equipped with a push-button which allows the operator to manually energize or disable the heater as desired.
- Controller will monitor ambient temperature and place itself in the AUTO mode from the ON/OFF modes in the event it monitors 70°F for 10 minutes.
- Mount system allows tab-screw mounting.
- Optional wireless monitoring with #85248.
- Optional interface with fire alarm type systems.

TAD & Associates, Inc.
P.O. Box 2170
Canyon Lake, Texas 78133

Phone: 830.964.4435

Fax: 830.964.4441

<http://www.tad-associates.com>