



heat tracing specialists

106 Twin Terrace Way
Spring Branch, Texas 78070-6288

Phone: 830-438-3808
Email: sales@trans-heat.com
Web: trans-heat.com

Romans 10:11 For whosoever believes on Him shall not be ashamed.

RSD45 SNOW MELT CONTROL

The RSD45 snow melt controller uses remote moisture and temperature sensors to effectively & efficiently shed snow/ice. It senses both moisture and temperature that could result in frozen precipitation. In automatic mode, the controller energizes when both conditions are present. There is also a manual on/off mode for weary customers! Indicators allow visual confirmation of automatic mode and when the system is energized. The RSD45 comes with a built-in 50A contactor for use with 120V-277V. This accommodates a generous amount of heat trace for snow melting or roof & gutter configurations. Additional contactors can be substituted for greater loads. Please provide system voltage when ordering. The optional P/N 85248 extends the mounting distance for tall buildings. This is ideal for industrial, commercial and some residential applications. The RSD45 can be integrated with other building systems through dry contacts for ease of control and monitoring. The RSD45 is one of the most economical automatic snow melt controls on the market. Heat trace controls are proven to be the ideal solution for set & forget and yield greater savings over conventional methods.

- Energize Temperature: **38°F**
- Minimum On Time: **1 hour**
- Control voltage: **120-277VAC (Specify voltage)**
- Built-In Contactor: **50A resistive @ 120-277VAC**
- Contactor Output: **T1 and T2**
- Mounting Options: **Indoor/Outdoor Tab**
- Control Toggle Features: **AUTO/OFF/ON**
- 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 a hold-on timer which will remain energized for a time after the icing condition stops. This allows the heater to completely melt any 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 mode in the event it monitors 70°F for 10 minutes.
- Mount system allows tab-screw mounting.
- The optional P/N 85248 allows increased sensor length for tall buildings.
- Optional interface with fire alarm type systems.