Trace Heating Redefined

DREXAN ENERGY SYSTEMS OFFERS THE MOST TECHNOLOGICALLY ADVANCED AND STRINGENTLY MANUFACTURED TRACE HEATING SYSTEMS THAT PROVIDE OUTSTANDING COST SAVINGS IN ENGINEERED DESIGN AND FIELD INSTALLATION.

DREXAN HeatTracer

DC-AS Series Digital Controllers
DC-AS22, DC-AS42, DC-AS8

Overview

The ice dam prevention system controller DC-AS Series allows for automatic operation of the Edge Melt Systems heated roof panels and heated gutter guards. The DC-AS22 operates up to 2 separate branch circuits according to the temperature control values set on the digital temperature controller, while the DC-AS42 operates up to 4 separate circuits and the DC-AS8 operates up to 8 separate circuits. A set point for heat cable on/off operation as well as a set point for low temperature cut out (LTC) of the circuits is provided. The LTC mode saves energy by keeping the heaters off when temperatures are below the threshold at which solar gain and heat loss melts snow or additional snow accumulates. Both temperature set points are easily field adjustable to suit local conditions.

Operation

The DC Series Controller uses a remote thermistor sensor to measure the ambient (outside) temperature. When the sensed outdoor temperature falls below the upper set point (out1), the temperature controller energizes the branch circuits. When temps rise above the upper set point the branch circuits are de-energized. If the sensed temp falls below the LTC (out2), the branch circuits are de-energized and re-energized when the temperature rises above the LTC set point. This is commonly referred to as 'window' operation and is the most efficient way to operate your heat cable system.

Edge Melt Systems

Specifications

Operates:
DC-AS22 - up to 2 separate circuits 208/240 VAC
DC-AS42 - up to 4 separate circuits 208/240VAC
DC-AS8 - up to 8 separate circuits 120 - 277 VAC

Rated at up to 30 amps per circuit

Single and/or 3 phase

MAX control energizes heat cable circuits regardless of temperature
Useful for preseason testing

AUTO control energizes the heat cable circuits when ambient temperature is between set points
Fool proof, economical control

Set points are field adjustable

Precision calibration function customizes controller to installation site

Polycarbonate enclosure

NEMA Type 1 insulated enclosure (indoor installation)

UL 508A C/US

ECO Digital Controllers