

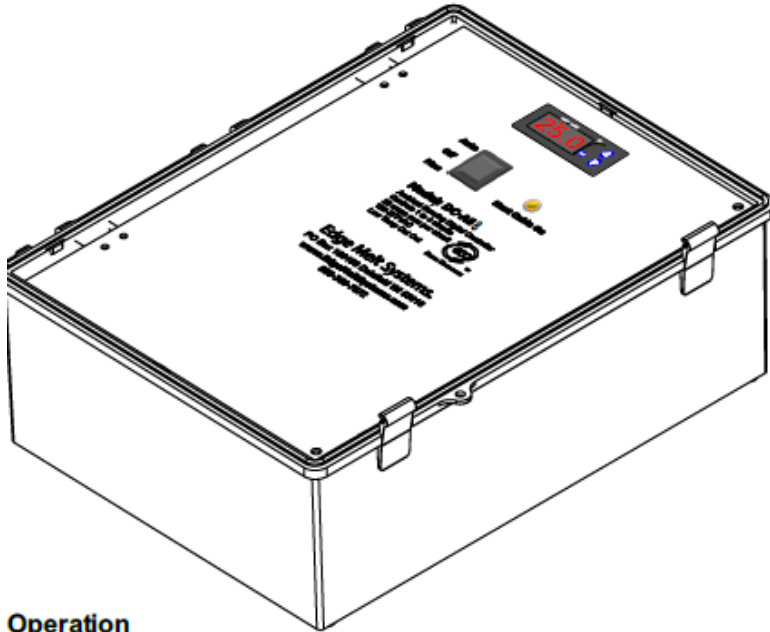


DC-AS Series Digital Controllers

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 or for other freeze protection operations. The DC-AS8 operates up to 8 separate circuits at 30 amps max per circuit.



Operation

The DC Series Controllers use a 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.




Specifications

Operates:
DC-AS8 - up to 8 separate circuits 110-277VAC
NEMA 4X

Separate 120V control circuit allows for optional WiFi control.

Rated at up to 30 amps per circuit

Single and/or 3 phase

MAN control energizes heat cable circuits regardless of temperature
Useful for pre-season testing or on/off operation

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

UL 508A C/US

Dimensions:

19.17" T
14.64" W
7.85" D