Made in USA

ICM308/309/310
Freeze Protection Modules



The ICM308/309/310 are low cost, fixed, single setpoint temperature controls that provide freeze protection.



Features

- **Single setpoint temperature control**
- **Provides freeze protection**
- **Small, compact package**
- **Epoxy encapsulated for moisture protection**
- **Temperature sensor included**

Mode of Operation

Upon application of power, the control will read the temperature at the temperature sensor. If the temperature is equal to or above the cut-in value for the control, the load will energize. If the temperature is below the cut-in value at power up, the unit will not energize the load. After the load is energized, the control will continue to monitor the status of the temperature sensor. Once the temperature is equal to or below the cut-out value, the control will de-energize the load.

Specifications

Input
- ***Voltage:*** 18 to 30 VAC
- ***Frequency:*** 50 to 60 Hz

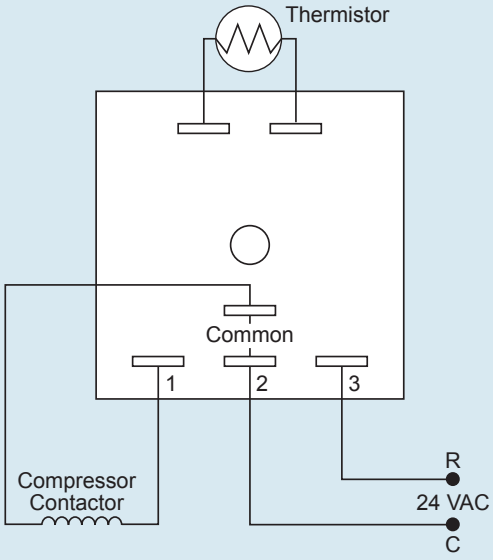
Output
- Solid state (triac)
- 1.5 amps @ 30 VAC

Dimensions
- 2" X 2" X 1 1/4"

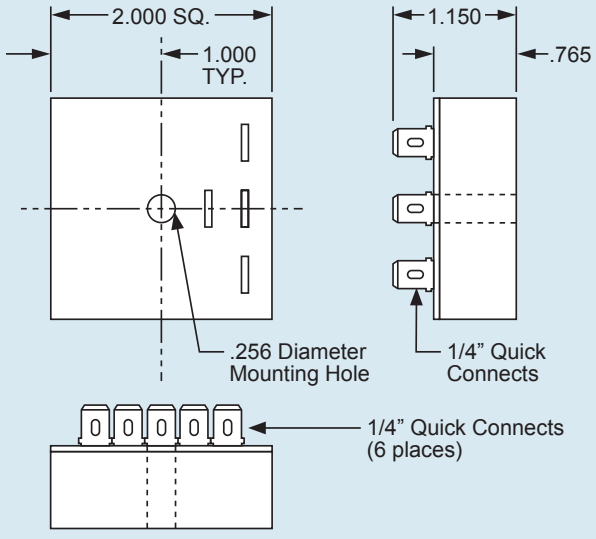
Temperature Cut Out/In:

Part #	Temperature Cut-Out (OFF)	Temperature Cut-In (ON)
ICM308	43°F	45°F
ICM309	28°F	55°F
ICM310	44°F	48°F

Wiring Diagram



Dimensions



LIS143-1

All features and specifications subject to change without notice.

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ICM CONTROLS