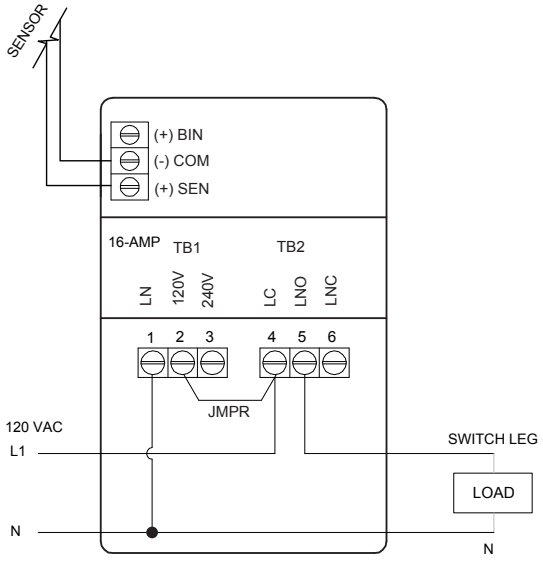
DELTA-THERM CORPORATION®

A421ABC-2C

Electronic Temperature Control



A421-AEC-2C THERMOSTAT &
A421-ABC-2C THERMOSTAT
(OPEN ON RISE)

DESCRIPTION

Delta-Therm's A421ABC-2C is a single-stage, electronic temperature control with a single-pole, double-throw (SPDT) output relay. The control features an adjustable backlit LCD for viewing the sensed temperature and the status of other functions, and a 3-button touchpad for setup and adjustment.

An LED indicates the on/off status of the output relay. The control has a setpoint range of -40°F (-40°C) to 212°F. (100°C) The control operates at 120, 208 or 240 VAC.

The A421ABC-2C control has simple on/off temperature settings for heating and cooling, an adjustable anti-short cycle delay, temperature setback and sensor offset capability.

The control combines remote sensing capability and interchangeable sensors with electronic accuracy in a NEMA 1, high-impact plastic enclosure suitable for surface or DIN rail mounting.

APPLICATIONS

- Pipe Tracing Systems
- Permafrost Prevention Systems
- Heating and Cooling Systems

APPROVALS

c UL us LISTED

A421ABC-2C SPECIFICATIONS

Enclosure:	NEMA 1 High Impact Gray Thermoplastic
Setpoint Range:	-40°F to 212°F (-40°C to 100°C)
Differential Range:	Settable
Input Voltage:	120, 208, or 240 VAC, 50/60Hz
Switch:	Single pole, double throw (SPDT)
Electrical Rating:	16 Amps at 120 VAC 9.2 Amps at 208 VAC 8 Amps at 240 VAC
Exposure Limits:	-40°F to 150°F (-40°C to 66°C)
Sensor:	A99BB-200C PTC Sensor with 6.5 Ft. (2m) Leads