DELTA-THERM.COM

DELTA-THERM

A19ABC-24

Electronic Remote Bulb Control

DESCRIPTION
Delta-Therm's A19ABC-24 The A19 Series are single stage temperature controls that incorporate liquid filled sensing

FEATURES

- Wide Temperature Ranges Available
- Constant Differential Throughout The Entire Range
- Compact Enclosure
- Fixed Or Adjustable Differential Available
- Variety Of Sensing Element Styles
- Unaffected By Cross-Ambient Conditions

APPLICATIONS
The A19ABC-24 is suitable for temperature control in heating, ventilating, and refrigeration.
Pipe Tracing Systems
Permafrost Prevention Systems
Heating And Cooling Systems

APPROVALS
UL Listed

A19ABC-24 SPECIFICATIONS

Enclosure:	NEMA 1X High Impact Gray Thermoplastic
Setpoint Range:	-30° to 100°F (-34° to 38°C)
Differential Range:	3° to 12°F (2° to 7°C)
Input Voltage:	120, 208, 240, 277 VAC, 50/60Hz
Switch:	Single pole, double throw
Electrical Rating:	22 Amps at 120 VAC 9.2 Amps at 208 VAC 8 Amps at 240 VAC
Exposure Limits:	N/A Max. enclosure exposure limits
Sensor:	Bulb and 8 Ft. (2m) capillary

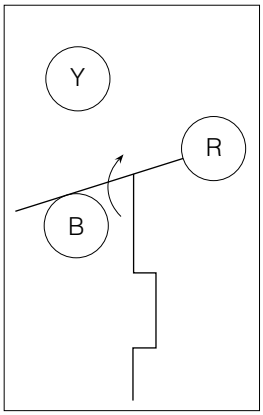
DELTA-THERM Corporation, P.O. Box 345, Wauconda IL, 60084 (847) 526-2407 Fax (847) 526-4456 **(800) 526-7887**

SETUP, ADJUSTMENTS, AND JUMPER POSITIONING

Warning

Warning: Risk of Electrical Shock. To avoid the risk of electrical shock disconnect all power sources to the control before opening control cover and repositioning jumpers. More than one disconnect may be required to completely de-energized the control and equipment.

A19ABC-24 SERIES
Action on increase of Temperature.



Maximum Recommended Sensor Cable Lengths And Wire Sizes

Wire Gauge	Maximum Sensor Cable Length* Ft (m)
16 AWG	500 (150)
18 AWG	300 (100)
20 AWG	200 (60)
22 AWG	125 (40)

*At the listed maximum cable lengths there is less than 1°F (0.6°C) error in the actual temperature vs. displayed temperature.