

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 |

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.

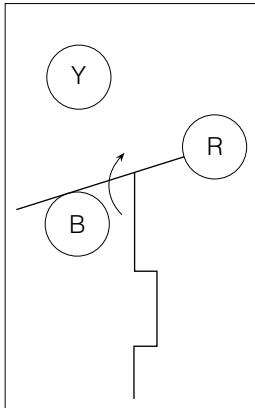
Maximum Recommended Sensor Cable Lengths And Wire Sizes

| 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.

A19ABC-24 SERIES

Action on increase of Temperature.



Detail 1.