

Imperial [IP] Dimensions
Metric (SI) in Parentheses

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LOW VOLTAGE THERMOSTAT

For Used with EA, EB, ER, and EK Electric Control Options



The model AXWBE thermostat is used with the Carnes electric actuator to provide a pressure dependent control sequence. The AXWBE thermostat provides three position control; drive motor to open damper, drive motor to close damper, and deadband. On a change in temperature, the AXWBE drives the actuator to satisfy the setpoint condition, then opens the circuit to the actuator. The actuator remains in this position until there is a further temperature change at the thermostat.

Electrical Rating: Input voltage 30 VAC maximum, 50 / 60 Hz.

Contact Rating: 1 Amp @ 24 VAC

Switching: SPDT, bimetal sensing element operates reed relays

Temperature Adjustment: External lever type

Temperature Scale Range: 50°F to 90°F (10°C — 32°C)

Deadband (Control Span): 3°F (1.7°C)

Ambient Temperature: (Shipping) -40°F to 150°F (-40°C — 65°C)

Mounting: Horizontal mounting directly to wall surface or electrical outlet box. Precise leveling is not required. 4-wire electrical connection

DIMENSIONS

