

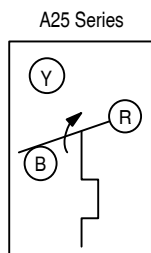
A25 Series Warm Air Limit Control with Manual Reset

Description

The A25 Warm Air Control Locks out on a temperature increase to the control setpoint. Manual reset is required before the electrical contacts can be reclosed.

The A25 Control is normally located in a return air duct and is wired to shut down air conditioning or ventilating fans when the temperature of the air becomes excessively hot.

Refer to the *A25 Series Warm Air Control with Manual Reset Product Bulletin (LIT-125118)* for important product application information.



Action on Increase of Temperature

A25 Series Action Diagram

a25.eps



A25AN-1 Warm Air Limit Control



A25AP-1 Warm Air Limit Control

Applications

Use for high temperature cut-out.

Features

- trip-free reset lever does not permit restarting until the reset lever is manually released
- the rod and tube type sensing element provides positive control action

Repair Information

If the A25 Series Warm Air Limit Control with Manual Reset fails to operate within its specifications, replace the unit. For a replacement control, contact the nearest Johnson Controls® representative.

Selection Chart

Product Code Number	Switch Action	Range °F (°C)	Range Adjuster	Dial Stop °F (°C)
A25AN-1C	Single-Pole, Single-Throw (SPST), Open high	25 to 215 (-4 to 102)	Knob	High limit set at 125 (52)
A25CN-1C	Single-Pole, Double-Throw (SPDT)	25 to 215 (-4 to 102)	Knob	High limit set at 125 (52)
Factory Mutual Approved Models				
A25AP-1C	SPST Open high	25 to 215 (-4 to 102)	Concealed screwdriver slot	High limit set at 125 (52)
A25CP-1C	SPDT	25 to 215 (-4 to 102)	Concealed screwdriver slot	High limit set at 125 (52)

Technical Specifications

The maximum element temperature is 300°F (149°C).

Electrical Ratings

Motor Ratings VAC	120	208	240	277
AC Full Load A	16.0	9.2	8.0	—
AC Locked Rotor A	96.0	55.2	48.0	—
Non-Inductive A	16.0 A at 120/277 VAC			
Pilot Duty	125 VA, 24 to 600 VAC			