

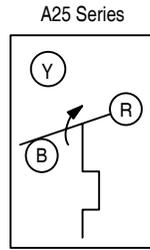
A25 Series

# Warm Air Limit Control with Manual Reset

## Description

The A25 warm air control locks out on a temperature increase to the control set point. Manual reset is required before the electrical contacts can be reclosed.

The A25 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.



Action on Increase of Temperature

a25.eps

**A25 Series Action Diagram**

## 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

## Selection Chart

| Code Number                           | Switch Action     | Range °F (°C)            | Range Adjuster                | Dial Stop °F (°C)             |
|---------------------------------------|-------------------|--------------------------|-------------------------------|-------------------------------|
| <b>A25AN-1C</b>                       | SPST<br>Open High | 25 to 215<br>(-4 to 102) | Knob                          | High Limit<br>Set at 125 (52) |
| <b>A25CN-1C</b>                       | SPDT              | 25 to 215<br>(-4 to 102) | Knob                          | High Limit<br>Set at 125 (52) |
| <b>Factory Mutual Approved Models</b> |                   |                          |                               |                               |
| <b>A25AP-1C</b>                       | SPST<br>Open High | 25 to 215<br>(-4 to 102) | Concealed<br>Screwdriver Slot | High Limit<br>Set at 125 (52) |
| <b>A25CP-1C</b>                       | SPDT              | 25 to 215<br>(-4 to 102) | Concealed<br>Screwdriver Slot | High Limit<br>Set at 125 (52) |



**A25AN-1**



**A25AP-1**

## 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 |                       |      |      |     |