



## Mechanical thermostats

**A25**
*Limit control manual reset, IP30*

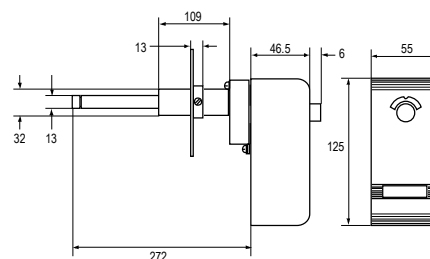
A rod and tube type sensing element actuate the switch contacts. Main contacts (1 - 2) are normally closed, and open when the temperature at the element rises to the dial setpoint. Contacts are re-closed only by operation of the reset lever. The reset lever is "trip-free" and cannot be used to block contacts in a closed position.

### Features

- ▶ Rod and tube type of element
- ▶ Adjustable duct mounting flange
- ▶ Trip-free manual reset
- ▶ Dust-tight Penn switch

### Application

These warm air limit controls "lock out" on a temperature increase to the control setpoint. Manual reset is required to re-close the electrical contacts. A typical application is to stop air-conditioning or ventilating fans in the event of excessive return air temperature, as from a fire.



Dimensions in mm

### Ordering information

| Codes      | Range (°C) | Switch 8A manual reset | Additional features                                                             |
|------------|------------|------------------------|---------------------------------------------------------------------------------|
| A25CN-9001 | 0 to 100   | SPDT open high         | Visible scale, Knob adjustment, NEMA 1 enclosure, with flange for duct mounting |

## Accessories

### Ordering information

| Codes       | Description                                                               | Primary usage | Inner Ø x tube length bulb well (mm) | Inside and outside connector (NPT) | Material connector pocket |
|-------------|---------------------------------------------------------------------------|---------------|--------------------------------------|------------------------------------|---------------------------|
| FTG13A-600R | Closed tank connector Style 1b elements, Max. 10 bar, 120 °C, Min. -40 °C | A19/28/36     | ---                                  | ---                                | ---                       |
| KIT012N600  | Capillary brackets (6 pieces)                                             | 270XT         |                                      |                                    |                           |
| WEL003N602R | Bulb well, Max. pressure 70 bar, Temp. 370 °C                             | ---           | 9.8 x 125                            | 1/2 - 14                           | Stainless steel           |
| WEL11A601R  | Bulb well, Max. pressure 20 bar, Temp. 120 °C, USA item                   | A19           | 7.3 x 60                             | 1/2 - 14                           | Brass/Copper              |
| WEL14A-600R | Bulb well, Max. pressure 69 bar, Temp. 370 °C, USA item                   | A19/28/36     | 11.2 x 120                           | 1/2 - 14                           | Monel/Monel               |
| WEL14A602R  | Bulb well, Max. pressure 20 bar, Temp. 120 °C, USA item                   | A19/28/36     | 9.8 x 125                            | 1/2 - 14                           | Brass/Copper              |
| WEL14A603R  | Bulb well, Max. pressure 20 bar, Temp. 120 °C, USA item                   | A19/28/36     | 9.8 x 147                            | 1/2 - 14                           | Brass/Copper              |
| WEL16A-601R | Bulb well, Max. pressure 20 bar, Temp. 120 °C, USA item                   | A19/28/36     | 9.5 x 71                             | 1/2 - 14                           | Brass/Copper              |