

Controls & Accessories - AR

Application

Type AR thermostats are used in industrial applications where close control of process temperatures is not a requirement.



Features

All bulb and capillaries of AR thermostats are copper with nickel plating with the exception of the high temperature AR3769 and AR376893. These units have stainless bulb and capillaries. For corrosive applications a protective well or sleeving must be used. DPST controls with 3/8" (9.5 mm) diameter bulbs include a 3/8" NPT compression fitting, non-removable. For other controls without the built-in fitting, the CA1001 is available for field mounting if required (See Figure 2, pg. F10).

Type AR Thermostats

Temp. Range		Bulb	Superseded	Catalog
°C	°F	Size (in)	Cat. No.	Number
277VAC 25 Amp D.P.S.T. - Open on Rise				
-18 - 40	0 - 100	3/8 x 5 5/8	TCR220-22	AR0464
10 - 120	50 - 250	3/8 x 3 3/8	TCR220-25	AR1264
10 - 120	50 - 250	3/16 x 10 1/4	—	AR1269
70 - 280	150 - 550	3/8 x 3 3/8	TCR220-28	AR2864
70 - 280	150 - 550	3/16 x 11 1/4	—	AR2869
160 - 370	300 - 700	3/16 x 8 3/4	TCR220-29	AR3769
600VAC 15 Amp T.P.S.T. - Open on Rise				
-18 - 40	0 - 100	3/8 x 5 1/4	TCR630-22	AR046843
10 - 120	50 - 250	3/16 x 10 1/4	TCR630-25	AR126893
70 - 280	150 - 550	3/16 x 11 1/4	TCR630-28	AR286893
160 - 370	300 - 700	3/16 x 8 3/4	TCR630-29	AR376893
277VAC 25 Amp D.P.S.T. - Close on Rise				
-18 - 40	0 - 100	3/8 x 6	—	ARR0464
10 - 120	50 - 250	3/8 x 3 1/4	TCR221-25	ARR1264

NOTE:

1. T.P.S.T. switches have two poles that open thermostatically and one pole that is mechanically opened in the off position only.
2. Inverse acting D.P.S.T. switches have only one thermostatic pole but both poles are mechanically opened in the off position.

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