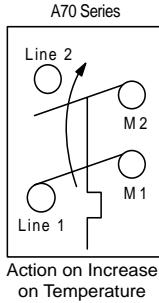


A70 Series

Four-Wire, Two-Circuit Temperature Control



A70GA-1

Features

- long-life, snap-acting contacts
- automatic or manual reset models

Applications

Typical applications include energizing an indicator light after a low temperature cutout on a ventilating system.

Replacement Covers

Code Number	Description
CVR17A-620R	Automatic reset
CVR17A-621R	Manual reset

To Order

Specify the code number from the following selection chart.

Description

The A70 Series temperature control incorporates a vapor-charged sensing element. The A70G, A70H, and A70K have a 4-wire, 2-circuit contact block that contains two isolated sets of contacts.

The contacts are designed so that when the main contact opens, the auxiliary contact closes.

Selection Chart

Code Number	Switch Action		Range °F (°C)	Diff F° (C°)	Bulb and Capillary	Max Bulb Temp °F (°C)	Range Adjuster
	Main Contacts	Auxiliary Contacts					
A70GA-1C ^(a)	Open Low	Close Low	15 to 55 (-9.4 to 12.8)	5 (2.8)	20 ft. of 1/8 in. O.D. Tubing	400 (204.4)	Screwdriver slot
A70GA-2C			35 to 80 (1.7 to 26.7)	3 to 30 (-16.1 to -1.1), factory set at 12 (-11.1)	3/8 in. x 3 in. 6 ft Cap.	250 (121)	Screwdriver slot
A70HA-1C ^(a)			15 to 55 (-9.4 to 12.8)	Manual reset	20 ft. of 1/8 in. O.D. Tubing	400 (204.4)	Screwdriver slot
A70HA-2C			35 to 80 (1.7 to 26.7)	Manual reset	3/8 in. x 3 in. 6 ft cap.	250 (121)	Screwdriver slot
A70KA-1C	Open High	Close High	100 to 170 (37.8 to 76.7)	Manual reset	3/8 in. x 10 in. 6 ft cap.	240 (116)	Screwdriver slot

(a) The low cutout stop is set and sealed at 35°F (1.6°C). The control responds only to the lowest temperature along any one ft. of the entire 20 ft. element or bellows cup.

Electrical Ratings

Pole Number	LINE-M2 (Main)						LINE-M1 (Auxiliary)					
	Motor Ratings VAC		120	208	240	277	480 ^(a)	600 ^(a)	120	208	240	277
AC Full Load Amp	16.0	9.2	8.0	—	5.0	4.8	6.0	3.4	3.0	—	—	
AC Locked Rotor Amp	96.0	55.2	48.0	—	30.0	28.8	36.0	20.4	18.0	—	—	
AC Non-Inductive Amp	16.0	9.2	8.0	7.2	—	—	6.0	6.0	6.0	6.0	6.0	
Pilot Duty – Both Poles	125 VA, 120 to 600 VAC and 57.5 VA, 120 to 300 VDC											

(a) Not compressor motor loads.