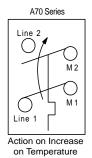


Controls Group 507 E. Michigan Street P.O. Box 423, Milwaukee, WI 53202 Code No. LIT-1927140

A70 Series Four-Wire, Two-Circuit Temperature Control



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



A70GA-1

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

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.

Selection Chart

two isolated sets of contacts.

Description

Code	Switch Action		Range	Diff F°	Bulb and	Max Bulb	Range	
Number	Main Contacts	Auxiliary Contacts	°F (°C)	(C°)	Capillary	Temp °F (°C)	Adjuster	
A70GA-1C ^(a)		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	Open Low		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
Pilot Duty – Both Poles	125 VA, 120 to 600 VAC and 57.5 VA, 120 to 300 VDC									

(a) Not compressor motor loads.

The performance specifications are nominal and conform to acceptable industry standards. For applications at conditions beyond these specifications, consult the local Johnson Controls office. Neither Johnson Controls, Inc. nor its subsidiaries or affiliates shall be liable for damages resulting from misapplication or misuse of its products.