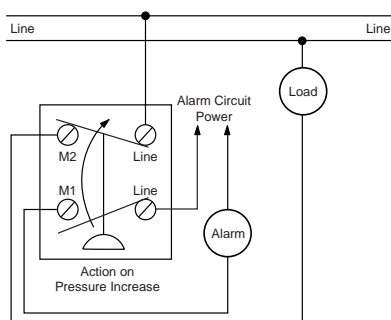


P70

High Pressure Cut-out Control (With Alarm Circuit)



P70KA-1



P70 Wiring Diagram

Description

This control has two sets of contacts. The main set of contacts controls the main load, and the auxiliary contact simultaneously actuates a signal or auxiliary circuit. The main contacts (Line-M2) are open-high/close-low. The electrical contacts operate from a pressure sensing element.

Features

- full adjustability throughout the pressure range
- long life contact structure...no bounce on make
- "trip-free" manual reset

Accessories

- includes a universal mounting bracket.

Applications

- air conditioning and refrigeration applications
- control of air, water, and lube oil pressure

To Order

Specify the code number from the following selection chart. Also refer to *P170 High Pressure Cutout Control (With Alarm Circuit)*.

Selection Chart

Code Number	Switch Action	Range psig (kPa)	Differential	Pressure Connector	Max. Bellows Overrun Pressure psig (kPa)
"ALL RANGE" FOR R-12, R-22, R-134A, R-500, R-502 (R)					
P70KA-1C	L-M2 Open High (Main) L-M1 Close High 4-wire, 2-circuit	Min 50 (345) Max 500 (3447)	Lockout (Requires Manual Reset after Cutout)	36 in. Cap. with 1/4 in. Flare Nut	525 (3620)

4-Wire, 2-Circuit Electrical Ratings (P70K models)

	Standard Single-Phase Ratings							
	LINE-M2 (Main Contacts)				LINE-M1 (Auxiliary Contacts)			
	120 VAC	208 VAC	240 VAC	277 VAC	120 VAC	208 VAC	240 VAC	277 VAC
Motor Full-Load Amp	16.0	9.2	8.0	—	6.0	3.3	3.0	—
Motor Locked-Rotor Amp	96.0	55.2	48.0	—	36.0	19.8	18.0	—
Non-Inductive Amp	16.0	9.2	8.0	7.2	6.0	6.0	6.0	6.0
Pilot Duty (for both sets of contacts)	125 VA at 24 to 600 VAC 57.5 VA at 120 to 300 VDC							