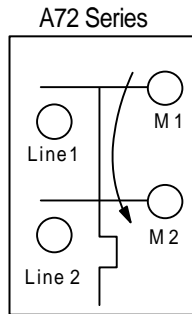


A72 Series

Two Pole Heavy Duty Temperature Controls (Adjustable Differential)



A72AA-3



A72 Series
Action on Increase on Temperature

Description

The A72 Series temperature controls incorporate a vapor charged sensing element and heavy duty contacts.

Features

- Double pole single throw contact block contains two isolated sets of contacts that make or break simultaneously.

Applications

- automatic control of heavy electrical loads

To Order

Specify the code number from the following selection chart.

Replacement Covers

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

Selection Chart

Code Number	Switch Action	Range °F (°C)	Diff F° (C°)	Bulb and Capillary	Max Bulb Temp °F (°C)	Range Adjuster
A72AA-1C	DPST Close High Open Low	-30 to 30 (-34 to -1)	4 to 25 (2 to 14)	3/8 in. x 3 in. ^(a) 6 ft Cap.	200 (93)	Screwdriver Slot
A72AA-2C	DPST Close High Open Low	15 to 55 (-9 to 13)	3 to 30 (1.7 to 17)	3/8 in. x 3 in. ^(a) 6 ft Cap.	200 (93)	Screwdriver Slot
A72AA-3C	DPST Close High Open Low	50 to 90 (10 to 32)	3 to 30 (1.7 to 17)	11/16 in. x 6-3/4 in. Cross Ambient 6 ft Cap.	135 (57)	Screwdriver Slot
A72AP-1C ^(b)	DPST Close High Open Low	-10 to 65 (-23 to 18)	4 to 40 (2 to 22)	11/16 in. x 6-3/4 in. Cross Ambient 6 ft Cap.	130 (54)	Screwdriver Slot

(a) Packing nut assembly available for direct immersion applications, Part No. FTG13A-600R.

(b) Equipped with manual "PUSH TO START" button. Manual start feature is especially desirable on milk cooler jobs...permits manual start of the compressor when bulb temperature is between closing and opening setting of switch.

Electrical Ratings

Motor Ratings VAC	120	208 ^(a)	240 ^(a)	220 ^(a)	208	220
	1Ø	1Ø	1Ø	2Ø	3Ø	3Ø
Horsepower	2	3	3	5	5	5
AC Full Load Amp	24.0	24.0	24.0	15.0	15.9	15.0
AC Locked Rotor Amp	144.0	144.0	144.0	90.0	95.4	90.0
AC Non-Inductive Amp	24.0	24.0	24.0	-	-	-
DC Non-Inductive Amp ^(b)	3.0	-	0.5	-	-	-
Pilot Duty – 125 VA, 120 to 600 VAC 57.5 VA, 120 to 300 VDC						

(a) These full load and locked rotor ampere (not horsepower) ratings apply to hermetic compressors only.

(b) This rating does not apply to A72AP-1 control.