A72AA Temperature Control Catalog Page

2026-01-07

LIT-1927145

Description

The A72AA temperature control is a two-pole heavy duty temperature control. The A72 Series temperature controls incorporate a vapor charged sensing element and heavy duty contacts.

Refer to the *A70 and A72 Series Temperature Controls Product Bulletin (LIT-125155)* for important product application information.

Figure 1: A72AA-3 temperature control



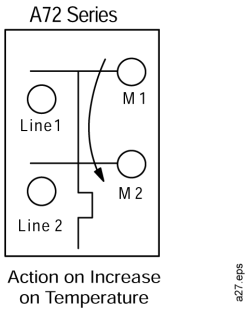
Features

The double-pole, single-throw (DPST) contact block contains two isolated sets of contacts that make or break simultaneously. The A72AA control comes with a mounting bracket.

Applications

Use for automatic control of heavy electrical loads.

Figure 2: A72 action diagram



Selection chart

Table 1: A72 Series Two-Pole Heavy Duty Temperature Controls selection chart

Product Code Number	Switch Action	Range °F (°C)	Differential F° (C°)	Bulb and Capillary	Maximum Bulb Temperature °F (°C)	Range Adjuster
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 capillary	135 (57)	Screwdriver slot

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Electrical ratings

Table 2: A72 two pole

VAC 60 Hz	1 phase each set of contacts					3 phase two pole rating	
	120 VAC	208 VAC	240 VAC	480 VAC	600 VAC	208 VAC	240 VAC
Full load amps	24.0	24.0	24.0	5	4.8	15.9	15.0
Locked rotor amps	144.0	144.0	144.0	30	28.8	95.4	90.0
Resistive amps	24.0	24.0	24.0	—	—	—	—
DC resistive amps (2 pole)	0.33	0.17	0.17	—	—	—	—
Pilot duty, VA	125 VA at 120 VAC to 600 VAC. 20 VA at 120 VDC to 300 VDC.						

Conformity declaration information

Table 3: Conformity declaration information

Information	Description
Purpose of control	Temperature operating control
Method of mounting control	Surface mounted. Permanently attached through usage of a mounting bracket.
Method of earthing control	Wiring binding screw terminal
Type 1 or Type 2 action	Type 2.B (Micro-disconnection) for all model ratings other than 600 V, except as specified below.
	Type 2.C (Micro-interruption) for all models at 600 V rating.
	Type 2.C for all auxiliary (L-M1) SPST N.O. ratings.
Operating value	Setpoint value
External pollution situation	Pollution degree 3
Rated impulse voltage	6,000 V
Deviation and drift	Deviation and drift do not exceed 5%

Product warranty

This product is covered by a limited warranty, details of which can be found at www.johnsoncontrols.com/buildingswarranty.

Single point of contact

APAC	EU	UK	NA/SA
JOHNSON CONTROLS C/O CONTROLS PRODUCT MANAGEMENT NO. 32 CHANGJIANG RD NEW DISTRICT WUXI JIANGSU PROVINCE 214028 CHINA	JOHNSON CONTROLS VOLTAWEG 20 6101 XK ECHT THE NETHERLANDS	JOHNSON CONTROLS TYCO PARK GRIMSHAW LANE MANCHESTER M40 2WL UNITED KINGDOM	JOHNSON CONTROLS 5757 N GREEN BAY AVE. GLENDALE, WI 53209 USA

Contact information

Contact your local Johnson Controls representative:
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www.johnsoncontrols.com/contact-us

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