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CATALOG KỸ THUẬT · JOHNSON CONTROLS

Bộ điều khiển nhiệt độ PENN A19

thermostat nhúng · 40–120 °C

A19 Johnson Controls PENN – bộ điều khiển nhiệt độ nhúng (thermostat cơ) 40–120 °C cho nồi hơi, hệ nước nóng: cắt nhiệt cao, điều khiển bơm, reset tay.

Mã: A19 · Hãng: Johnson Controls · Hotline: 093 797 2339
dlk.com.vn/a19-johnson-controls-penn-bo-dieu-khien-nhiet-do.html



www.dlk.com.vn

A19 Series Temperature Control

Application

Johnson Controls hot water immersion controls provide various control functions for hydronic heating systems. These include high temperature cutout, operating, circulator or low temperature cutout.

All Series A19 temperature controls are designed for use only as operating controls. Where an operating control failure would result in personal injury and/or loss of property, it is the responsibility of the installer to add devices (safety, limit controls) or systems (alarm, supervisory systems) that protect against, or warn of, control failure.



Fig. 1 - The A19 Direct Mounting Control.

Features

- Sealed, dusttight Pennswitch contact unit.
- Matching drawn bulb and well for rapid, efficient heat transfer.
- Manual reset, when supplied, is "Trip-Free." Reset must be pressed and released before operation will resume.
- Concealed dial stop permits control within maximum temperature selected or specified.
- Direct reading scales provide fast, easy "on-the-job" adjustment.

General Description

A liquid expansion temperature element with copper bulb well gives fast control response.

The control can be easily removed from the bulb well by loosening the set screws and withdrawing the sensing bulb from the well. The control can be mounted in any position around the axis of the bulb well without changing the operating characteristics.

Specifications

Type Number	A19AAB	Opon on Rise, Fixed Differential
	A19AAC	SPDT, Fixed Differential
	A19ABA	Close on Rise, Adjustable Differential
	A19ABB	Open on Rise, Adjustable Differential
	A19ABC	SPDT, Adjustable Differential
	A19ADB	Opon on Rise, Lockout with Manual Reset
	A19ADC	SPOT, Lockout with Manual Reset
Temperature Range		100 to 240° F (40 to 120°C)
Differential	Fixed	6° F (3.3°C)
	Adjustable	6° F (3.3°C) Min.; 24° F (13°C) Max.
Maximum Temperature	At Case	140° F (60°C)
	At Bulb	290° F (143°C)
Contact Action		Red to Yellow Closes on Temperature Rise Red to Blue Opens on Temperature Rise
Contact Units		Snap Acting, Enclosed Dusttight Pennswitch
Conduit Openings		One 7/8"(22mm) Diameter Hole for 1/2" Conduit
Enclosure		NEMA Type 1 General Purpose
Finish		Gray Baked Enamel
Material	Case	062"(1.57 mm) Cold Rolled Steel
	Cover	025"(0.64 mm) Cold Rolled Steel
Mounting		Immersion Well Mounts Directly in Boiler Tapping. Case of Remote Bulb Models Mounts to Flat Surface
Shipping Weight	Individual Pack	1.5 lb (0.7 kg)
	Overpack of 25 Units	37.5 lb (17 kg)
Terminal Screws		No.8-32 x 1/4" Binder Head With Cup Washers



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MST

0317566997

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