



A19 Temperature Control with NEMA 4X Enclosure (Remote Bulb)

Description

The A19 Temperature Control is a remote bulb temperature control with a watertight NEMA 4X enclosure.

Refer to the *A19 Series Hot Water Heating Controls Well Immersion Product Bulletin (LIT-125025)* for important product application information.

Applications

- cooling tower sump heaters
- control of heating or ventilating equipment

Features

- watertight gasketed thermoplastic enclosure that meets NEMA 4X specifications
- concealed setpoint adjustment

Repair Information

If the A19 Temperature Control with NEMA 4X Enclosure (Remote Bulb) fails to operate within its specifications, replace the unit. For a replacement control, contact the nearest Johnson Controls® representative.



A19QSC Temperature Control

Technical Specifications

Maximum ambient temperature: 140°F (60°C).

Electrical Ratings

Motor Ratings VAC	120	208	240	277	
AC Full Load Amperes	16.0	9.2	8.0	—	
AC Locked Rotor Amperes	96.0	55.2	48.0	—	
Non-Inductive Amperes	When connected Single-Pole, Single-Throw (SPST)	22.0	22.0	22.0	22.0
	When connected Single-Pole, Double-Throw (SPDT)	16.0	9.2	8.0	6.9
Pilot Duty	125 VA, 24 to 600 VAC				

Selection Chart

Product Code Number	Switch Action	Range °F (°C)	Differential F° (C°)	Bulb and Capillary	Bulb Well No. (Order Separately)	Range Adjuster	Maximum Bulb Temperature °F (°C)
A19QSC-1C	SPDT	0 to 150 (-18 to 66)	5±2 (2.82 ±1.11) fixed	3/10 x 2-1/2 in.; 10 ft. capillary	WEL11A-601R	Concealed screwdriver slot	190 (88)
A19QSC-2C		100 to 250 (38 to 121)	6±2 (32 ±1.11) fixed	3/10 x 2-3/8 in.; 10 ft capillary	—		290 (143)
A19QSC-3C		200 to 350 (93 to 176)	5±2 (2.82 ±1.11) fixed	3/10 x 2-1/4 in.; 10 ft capillary	—	390 (199)	
A19QSC-4C		0 to 190 (-18 to 88)	5±2 (2.82 ±1.11) fixed	3/10 x 2-1/2 in.; 20 ft capillary	WEL11A-601R	190 (88)	