



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

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				

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

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)	

The performance specifications are nominal and conform to acceptable industry standards. For applications at conditions beyond these specifications, consult the Johnson Controls, Inc. shall not be liable for damages resulting from misapplication or misuse of its products. © 2015 Johnson Controls, Inc.