A19QS Series Remote-Bulb Temperature Control with Type 4X Enclosure Catalog Page

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LIT-1900403

Description

The A19QS Series Temperature Control is a remote bulb temperature control with a watertight Type 4X enclosure.

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

Figure 1: A19QSC Temperature Control



Features

- Watertight gasketed thermoplastic enclosure that meets Type 4X specifications
- Concealed setpoint adjustment

Applications

- Cooling tower sump heaters
- Control of heating or ventilating equipment

Repair information

If the A19 Temperature Control fails to operate within its specifications, replace the unit. For a replacement control, contact the nearest Johnson Controls® representative.

Selection chart

Table 1: A19QS series remote-bulb temperature control with Type 4X enclosure selection chart

Product code number	Switch action	Range °F (°C)	Differential F° (C°)	Bulb and capillary	Bulb well no. (order separately)	Range adjuster	Max. bulb temp. °F (°C)
A19QSC-1C	SPDT	0 to 150 (-18 to 66)	5±2 (2.82 ±1.11) fixed	3/10 in. x 2 1/2 in. (7.6 mm x 63.5 mm) bulb 10 ft (3.05 m) capillary	WEL11A-601R	Concealed screwdriver slot	190 (88)
A19QSC-2C		100 to 250 (38 to 121)	6±2 (32 ±1.11) fixed	3/10 in. x 2 3/8 in. (7.6 mm x 60.3 mm) bulb 10 ft (3.05 m) capillary			290 (143)
A19QSC-4C		0 to 190 (-18 to 88)	5±2 (2.82 ±1.11) fixed	3/10 in. x 2 1/2 in. (7.6 mm x 63.5 mm) bulb 20 ft (6.10 m) capillary	WEL11A-601R		190 (88)

Technical specifications

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

Table 2: 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 VAC to 600 VAC			

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

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Contact information

Contact your local branch office: www.johnsoncontrols.com/locations

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