



Description

The A11 Series Low Temperature Cutout Controls are available with single-pole, single-throw (SPST) or single-pole, double-throw (SPDT) contact action. Applications include the sensing of low temperature conditions to avoid over cooling or icing of hydronic coils, cooling coils, and liquid-handing pipes. The controls are compact and sturdy, and have an adjustable temperature setpoint range with a fixed differential. You can access the range adjustment screw at the bottom of the control, or at the top of the control when you remove the cover. A factory-set low temperature stop is available when specified.

Refer to the *A11 Series Low Temperature Cutout Controls Product Bulletin (LIT-125010)* for additional product application information.

Features

- Precision repeat accuracy: the control always senses at the coldest point across the full length of the sensing element. The control remains unaffected by ambient temperature at the diaphragm cup and the 4 ft (1.2m) capillary. Install a 20 ft (6.1 m) or 40 ft (12.2 m) sensing element in the controlled area.
- Trip-free manual reset provides the option to reset the lever. Press and release the lever before operation resumes.
- Precision snap-acting contacts in a dust protected enclosure provides for the A11 Control to operate to the fullest potential.
- Direct reading scale provides easy-to-adjust setpoint. You can make adjustments from the top or bottom of the control.

Repair information

If the A11 Series Low Temperature Cutout Control fails to operate within its specifications, replace the unit. For a replacement control, contact the nearest Johnson Controls® representative.

A11 electrical rating

Table 1: A11 Series electrical rating

Description	cULus		
	120	208	240
Volts AC 50/60 Hz			
Full load amperes	16	9.2	8
Lock rotor amperes	96	55.2	48
Resistive amperes	16	9.2	8
Pilot duty	125 VA, 24 VAC to 277 VAC		

Selection chart

Table 2: Selection chart

Model	Description
A11A	SPST, open low, manual reset
A11B	SPST, open low, automatic recycle
A11D	SPDT, manual reset
A11E	SPDT, automatic recycle

