

THERMOSTATS & CONTROLLERS

LOW-TEMPERATURE LIMIT CONTROL A11 SERIES

DESCRIPTION

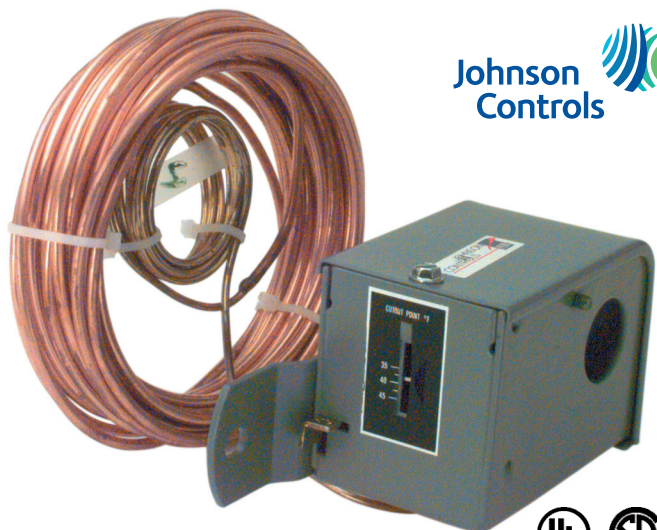
The **A11 Series Low-temperature Limit Controls** incorporate a 20' (6m) vapor-charged sensing element. The **A11 Series** reacts to the coldest 16" (40.6 cm) section of the control's sensing element. It is suitable for monitoring the trailing face of a coil for freeze protection.

FEATURES

- **Snap-acting contacts**
- **External temperature scale**
- **Easy setpoint adjustment**
- **Unaffected by ambient temperature at the control and 4' (1.2m) capillary**

APPLICATION

- **Low-temperature limit for coils and/or liquid sensing pipes**



Johnson
Controls

A11A



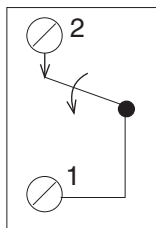
SPECIFICATIONS

Sensing element	20' (6 m) of 1/8" copper tube
Capillary	4' (1.2 m)
Switch	SPST, N.C.
Action	N.C. opens on decrease in temp
Switch rating	16A @ 120 VAC, 9.2A @ 208 VAC, 8A @ 240 VAC
Pilot duty	125 VA @ 24-277 VAC
Range	35° to 45°F (2° to 7°C)
Setpoint adjust	Slot screwdriver
Differential	
A11A	12°F (6.7°C) manual reset

A11B	12°F (6.7°C) auto reset
Sensor	R-134 vapor filled
Operating temp	
Element	250°F (121°C) max
Ambient	0° to 140°F (-18° to 60°C)
Dimensions	3"H x 5.4"W x 2.4"D (7.6 x 13.7 x 6 cm)
Agency approvals	UL listed, File#SA516; CSA certified, File#LR948
Weight	1.75 lb (0.79 kg)
Warranty	1 year

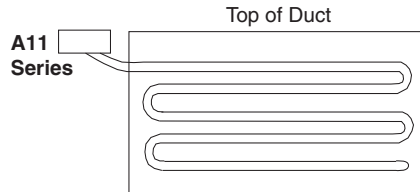
WIRING

SPST - Normally closed
opens on decrease
in temperature



A11 Series

INSTALLATION



Mount sensing element horizontally for proper measurement.
Typically mounted downstream of a coil with capillary
exposed to all areas likely to encounter low temperatures

ORDERING INFORMATION

MODEL	DESCRIPTION
A11A-1	Manual reset low-temperature limit control
A11B-1	Auto reset low-temperature limit control

MODEL	RELATED PRODUCTS
M-648-K	Capillary mounting clip
CC-1G-K	Non-metallic capillary mounting clip
ES1051	Freeze spray