A19ZBC-2 Defrost Duration and Fan Delay Control Catalog Page

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LIT-1927095

Description

The A19 Defrost Duration and Fan Delay Control is a remote bulb control with an adjustable defrost termination temperature and preset fan delay temperature.

Refer to the *A19ZBC Type Temperature Control Product Bulletin (LIT-121071)* for important product application information.

Figure 1: A19ZBC-2 Defrost Duration and Fan Delay Control



Features

- Sensing element unaffected by barometer pressure and cross ambient temperature problems
- Limited adjustment range

Applications

Use the control for defrost termination control for refrigerated display cases.

Repair information

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

Selection chart

Table 1: Selection chart

Product code number	Switch action	Defrost termination °F (°C)	Bulb and capillary	Range adjuster
A19ZBC-2C	Single-pole, double-throw (SPDT)	45 to 85 (7 to 29)	19/64 in. x 3 1/8 in., with a 6 ft. capillary	Knob

Electrical ratings

- Maximum bulb temperature: 140°F (60°C)
- Fan delay temperature: factory set at 25°F (-4°C)

Table 2: A19ZBC cULus electrical ratings

Ratings at 60 Hz	120 VAC	208 VAC	240 VAC
Full load amperes	16.0	9.2	8.0
Locked rotor amperes	96.0	55.2	48.0
Resistive amperes	16.0	9.2	8.0
Pilot duty	125 VA at 24 VAC to 277 VAC		

Conformity declaration

Table 3: Conformity declaration information

Information	Description
Purpose of the control	Defrost duration and fan delay control
Method of mounting the control	Flat surface mounted. The bracket is on the back of the case.
Method of grounding the control	Wiring binding screw terminal
Type 1 or Type 2 action	Type 1.B micro-disconnection
External pollution situation	Pollution degree 3

Table 3: Conformity declaration information

Information	Description
Rated impulse voltage	4,000 VAC
Compliance	File SA516 UL Guide No. SDFY cUL Guide SDFY7

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

APAC	EU	UK	NA/SA
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Contact information

Contact your local Johnson Controls representative:
www.johnsoncontrols.com/locations
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