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L4064B2210/U

Fan and limit controller. 1 1/2 inch insert

Overview

Controls high limit and fan motors in forced air heating systems.

Features

- Three wiring terminal options available for easy installation.
- Push-in receptacles for stripped wire.
- Female receptacles for 1/4 inch male flag connectors.
- Auxiliary screw terminals.
- Field adjustable fan and high limit settings.
- L4064B,W, and R models have a manual fan switch that overrides the fan control to keep the fan running continuously.
- TRADELINE models with mounting adapters for easy installation and strain relief bushings to protect wiring from field abuse..

Product Specifications

Application	Forced warm air heating systems
Dimensions (in.)	4 9/32 in. high x 3 in. wide x 1 19/32 in. deep excluding element
Dimensions (mm)	109 mm high x 76 mm wide x 40 mm deep excluding element
Comments	Turns fan on and off according to plenum temperature via helical bimetal sensing element. High limit stop set at 200F (93 C). Breakaway Jumper included. Includes manual and automatic fan on/off settings. Replaces L4064A,B,E.
Mounting	Surface or universal mounting bracket available (50077438-001/U)

Electrical Ratings	Fan- (AFL)-- 14 A @ 120 Vac; 7 A @ 240 Vac; Fan- (ALR)-- 84 A @ 120 Vac; 42 A @ 240 Vac; Limit- (AFL)-- 8 A @ 120 Vac; 4 A @ 240 Vac; Limit- (ALR) 48 A @ 120 Vac; 24 A @ 240 Vac
Approvals, Underwriters Laboratories Inc.	Listed File MP466, Guide MBPR
Approvals, Canadian Standards Association	Certified: File No. LR1622
Tradeline Value	Tradeline
Temperature Ratings (C)	Maximum Ambient-- At switch 88 C; At element: 177 C; High Limit-- 38 C to 121 C; Fan-on-- 18 C to 102 C; Fan-off-- 10 C to 93 C
Temperature Ratings (F)	Maximum Ambient-- At switch: 190 F; At element: 350 F; High Limit-- 100 F to 250 F; Fan-on-- 65 F to 215 F; Fan-off-- 50 F to 200 F; High Limit Stop-- 200 F; Fan-on Stop-- 125 F; Fan-off Stop -- 100 F
Operating Temperature Range (F)	-40 F to +190 F
Operating Temperature Range (C)	-40 C to +88 C
Differential Temperature (F)	High limit 25 F
Differential Temperature (C)	High limit 14 C
Switching Action	Fan switch makes and high limit switch breaks on temperature rise.
Element Insertion Length (in.)	11 1/2 in.
Element Insertion Length (mm)	292 mm
Pilot Duty Ratings	0.25 A @ 0.25 to 12 Vdc; 2 A @ 24 Vac