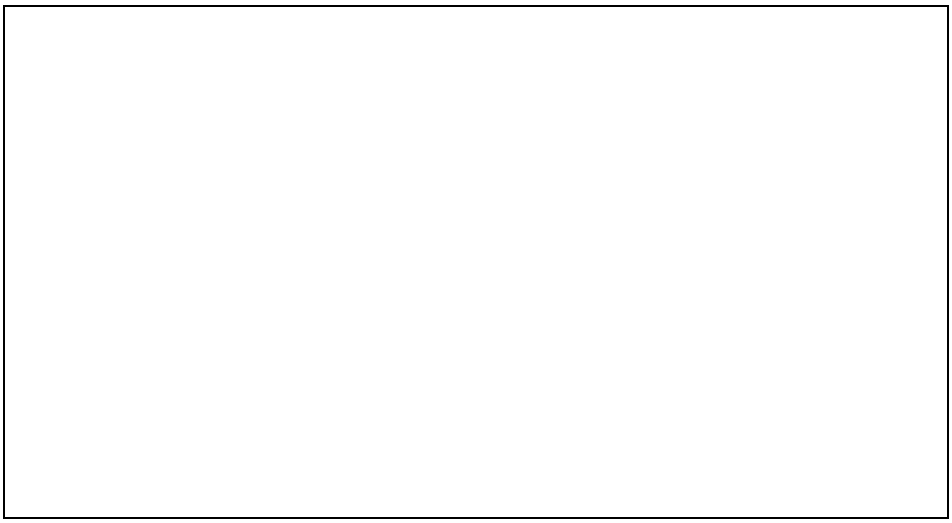
33ZCRLYBRD

FAN COIL RELAY BOARD

— PERFORMANCE DATA

— PHYSICAL DIMENSION PRINT



Form 33ZC-5SB Replaces: New Printed in U.S.A. 8-00 Catalog No. 513-351

Date:	Supersedes:	**33ZCRLYBRD FAN COIL RELAY BOARD**	33ZC	Rev:
JOB NAME:		LOCATION:		
BUYER:		BUYER P.O. #	CARRIER #	
UNIT NUMBER:		MODEL NUMBER:		
PERFORMANCE DATA CERTIFIED BY:			DATE:	

DESCRIPTION

The fan coil relay board is used to connect the fan coil controller with a single-speed or multispeed fan. The fan coil relay board can also be used to connect the fan coil controller to a line voltage valve. The fan coil relay board is factory shipped as a PC board with four $^{1}/_{2}$-in. attached stand-offs for field mounting. Four field-supplied no. 8 screws are required for mounting.

PERFORMANCE DATA

Low Voltage Control Connections

G — Fan commanded on or two-pipe valve on

G2/(W) — Fan medium speed or four-pipe heating on

G3/(Y) — Fan high speed or four-pipe cooling on

COM — Common

Control Device Outputs

FAN — Fan common or valve common (two-pipe applications only)

(VALVE) — Single-speed fan enable, two-pipe valve enable or four-pipe valve common

HI(COOL) — Fan high speed or four-pipe cooling valve enable

MED(HEAT) — Fan medium speed or four-pipe heating valve enable

LO — Fan low speed

Power Supply

All power is supplied from the fan coil controller.

Electrical Ratings

Control Voltage Connections:

24 vac Class II

Line Voltage Fan Motor Contacts:

120 to 277 vac @ 10 A (2000 VA maximum)

Line Voltage Valve Contacts:

120 to 277 vac (25 VA maximum)

Operating Characteristics

Multispeed fan: The output relays are sequenced and interlocked to ensure that only a single speed is energized at a given time. A single fan coil relay board can control three fan speeds.

Line voltage valves: A single fan coil relay board can control one or two line voltage valves.

Environmental Ratings

Operating: 50 to 104 F (10 to 40 C)

Humidity: 0 to 95% RH, Non-Condensing

Appearance

Circuit board with attached stand-offs

Dimensions

Height: 2.85 in.

Width: 2.7 in.

Depth: 1.286 in.

Agency Approvals

UL 873

CUT ALONG DOTTED LINE

CUT ALONG DOTTED LINE

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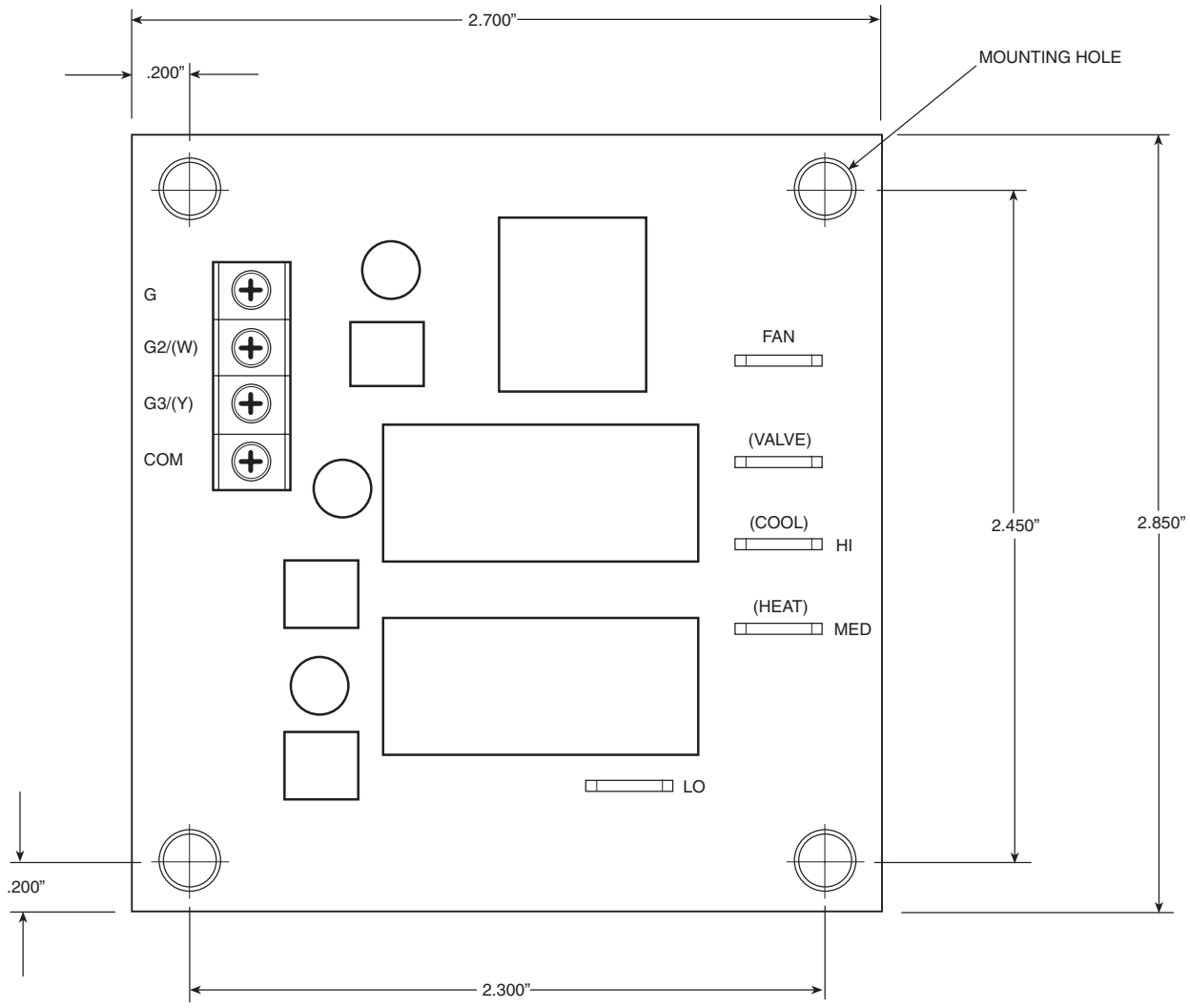

Dimensions are in inches.