



ABN 49 003 452 551



APPLICATION BULLETIN : HAN-L5(B)/2S. SUBJECT : HAN-L5 2 STAGE CONTROL WITH AUXILLARY RELAY TO SUPPLY VOLTAGE FREE CONTACT FOR COMPRESSOR START SIGNAL.

The HAN-L5(B)/2SE/AUXCS is designed for installations with 1 stage heat pump units with a 2nd stage boost electric heater.

NOTE 1 - LINKS.

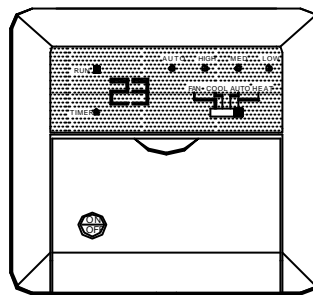
- ◆ FOR FULL 240V CONTROL, LEAVE LINKS BETWEEN TERMINALS L-F-24.
- ◆ FOR SYSTEMS REQUIRING 24V OUTPUTS FOR COMPRESSOR & REVERSING VALVE, REMOVE LINK BETWEEN F & 24 AND SUPPLY 24V TO TERMINAL 24.
- ◆ FOR SYSTEMS REQUIRING 24V FAN OUTPUTS, REMOVE LINK BETWEEN L & F AND SUPPLY 24V TO TERMINAL F.
- ◆ FOR SYSTEMS REQUIRING 24V ON ALL OUTPUTS, REMOVE LINK BETWEEN L & F, LEAVE LINK BETWEEN F & 24 AND SUPPLY 24V TO EITHER TERMINAL F OR 24.

NOTE 2 - SYSTEM WARM UP ACCELERATOR OPTIONAL.

SENSING BULB LOCATION.

IT IS ESSENTIAL THAT THE SENSOR IS LOCATED WHERE THE HOT GAS ENTERS ONE OF THE REFRIGERANT CIRCUITS IN THE EVAPORATOR. GENTLY OPEN THE FINS IN THE INDOOR COIL ON THE LEAVING AIR SIDE AND IMPLANT THE SENSOR IN THE COIL AS CLOSE AS POSSIBLE TO THE COPPER TUBES. IT IS NOT RECOMMENDED THAT THE SENSOR BE CLIPPED TO A RETURN BEND AS POOR HEAT TRANSFER WILL PREVENT CORRECT OPERATION OF THE CONTROL. DO NOT INSTALL ON THE INDOOR COIL SUCTION (LARGE) HEADER OR PREMATURE FAN START MAY OCCUR. THE WARM UP ACCELERATOR DOES NOT OPERATE ON THE COOLING CYCLE.

HAN-L5 WALL CONTROL



NOTE 3.

THE PCB-058/2S POWER BOARD CAN BE USED FOR 2 STAGE HEAT PUMP SYSTEMS OR TO CONTROL A SECOND STAGE BOOST ELECTRIC HEAT ELEMENT.

- A) FOR 2 STAGE SYSTEMS WHERE STAGE 2 OUTPUT (S2) IS TO CONTROL 2ND COMPRESSOR, MOVE BROWN WIRE (A2) TO "CO".
- B) WHEN STAGE 2 OUTPUT (S2) IS TO CONTROL ELECTRIC HEAT ELEMENT, MOVE BROWN WIRE (A2) TO TERMINAL "RV".

NOTE 4.

- 1. IF SINGLE SPEED FAN MOTOR IS USED BRIDGE FL-FM-FH.

