

FAN COILS, and ACCESSORY ELECTRIC HEATERS using R-454B Refrigerant

WIRING DIAGRAMS

Wiring Diagrams Electric Heaters						
FIG.	Description	HEATER PART NO.	FHMA5 / WCHL	FTMA5 / WCGL	FCMA5	Label
Fig. 9	5 KW-NON-FUSED	EHC05BKN	24-60	24-60	24-60	06-24295-00
Fig. 7	8 KW-NON-FUSED	EHC07BKN	24-60	24-60	24-60	06-24293-00
Fig. 8	9 KW-NON-FUSED	EHC09BKN	24-60	24-60	24-60	06-24294-00
Fig. 7	10 KW-NON-FUSED	EHC10BKN	24-60	24-60	24-60	06-24293-00
Fig. 5	15 KW-NON-FUSED 3PH	EHC15BHN	36-60	36-60	36-60	06-24291-00
Fig. 9	5 KW-CKT BRKR	EHC05BKB	24-60	24-60	24-60	06-24295-00
Fig. 7	8 KW-CKT BRKR	EHC07BKB	24-60	24-60	24-60	06-24293-00
Fig. 7	10 KW-CKT BRKR	EHC10BKB	24-60	24-60	24-60	06-24293-00
Fig. 8	9 KW-NON-FUSED	EHC09BKN	36-60	36-60	36-60	06-24294-00
Fig. 6	15 KW-FUSED	EHC15BKF	24-60	24-60	24-60	06-24292-00
Fig. 6	12 / 15 KW-CKT BRKR	EHC15BKB	24-60	24-60	24-60	06-24292-00
Fig. 4	18 KW-NON-FUSED 3PH	EHC18BHN / EHC18DHN	42-60	42-60	42-60	06-24290-00
Fig. 3	20 KW-FUSED	EHC20BKF	30-60	30-60	30-60	06-24289-00
Fig. 3	20 KW-CKT BRKR	EHC20BKB	30-60	30-60	30-60	06-24289-00
Fig. 2 Fig. 1	24 KW-FUSED 1PH 24 KW-FUSED 3PH	EHC25BHCF / EHC25DHCF	48-60	48-60	48-60	06-24288-00 06-24287-00
Fig. 2 Fig. 1	30 KW-FUSED 1PH 30 KW-FUSED 3PH	EHC30BHCF / EHC30DHCF	48-60	48-60	48-60	06-24288-00 06-24287-00
Fig. 11	5 KW-CKT BRKR	EHC05CKB	18	N/A	N/A	06-24297-00
Fig. 10	8 KW-CKT BRKR	EHC07CKB	18	N/A	N/A	06-24296-00
Fig. 11	5 KW-NON-FUSED	EHC05CKN	18	N/A	N/A	06-24297-00
Fig. 10	10 KW-CKT BRKR	EHC10CKB	18	N/A	N/A	06-24296-00
Fig. 10	8 KW-NON-FUSED	EHC07CKN	18	N/A	N/A	06-24296-00
Fig. 10	10 KW-NON-FUSED	EHC10CKN	18	N/A	N/A	06-24296-00

Fan Coil with Cooling Only Control			
FIG.	MODEL	SIZE	LABEL
Fig. 12	FHMA5 / WCHL	18	350356-201
Fig. 13	FHMA5 / WCHL	24 – 60	350357-201
Fig. 15	FTMA5 / WCGL (minor series 2)	24 – 60	351633-201
Fig. 15	FTMA5 / WCGL (minor series 1)	24 – 60	350735-201
Fig. 16	FCMA5	24 – 60	350497-201

Manufactured Homes Fan Coil with Factory Installed Heater Model				
FIG.	Description	HEATER PART NO.	FEV Model Size	Label
Fig. 17	10 KW-CKT BRKR, HORIZONTAL	MEHC10BKH1	24 – 36	350513-201
Fig. 18	12 KW-CKT BRKR, HORIZONTAL	MEHC12BKH1	36	350514-201
Fig. 18	15 KW-CKT BRKR, HORIZONTAL	MEHC15BKH1	36 – 48	350514-201
Fig. 19	20 KW-CKT BRKR, HORIZONTAL	MEHC20BKH1	60	350452-201

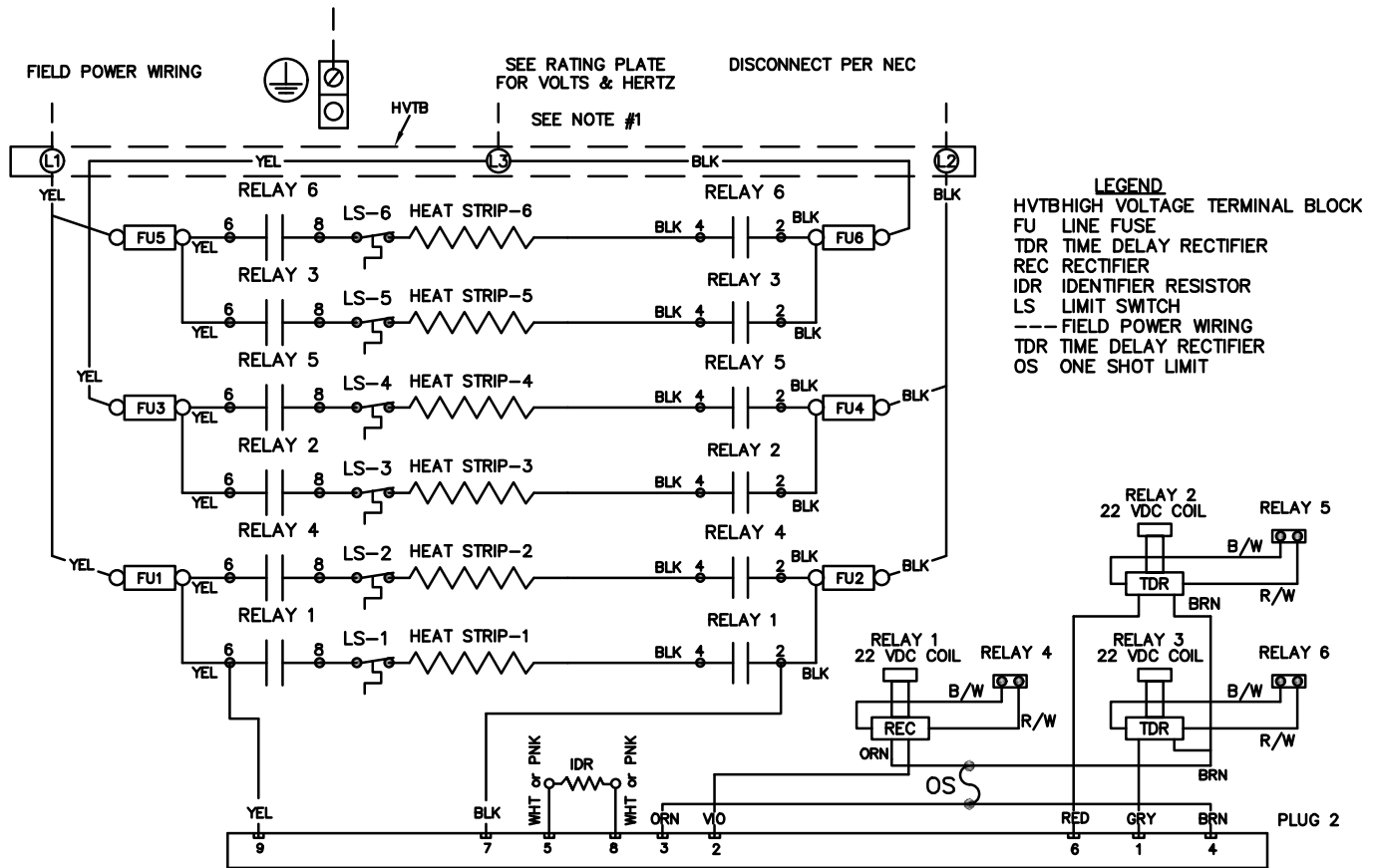


Fig. 1 – Heaters EHC25(B,D)HCF / EHC30(B,D)HCF 3-PHASE (06-24287)

A240242

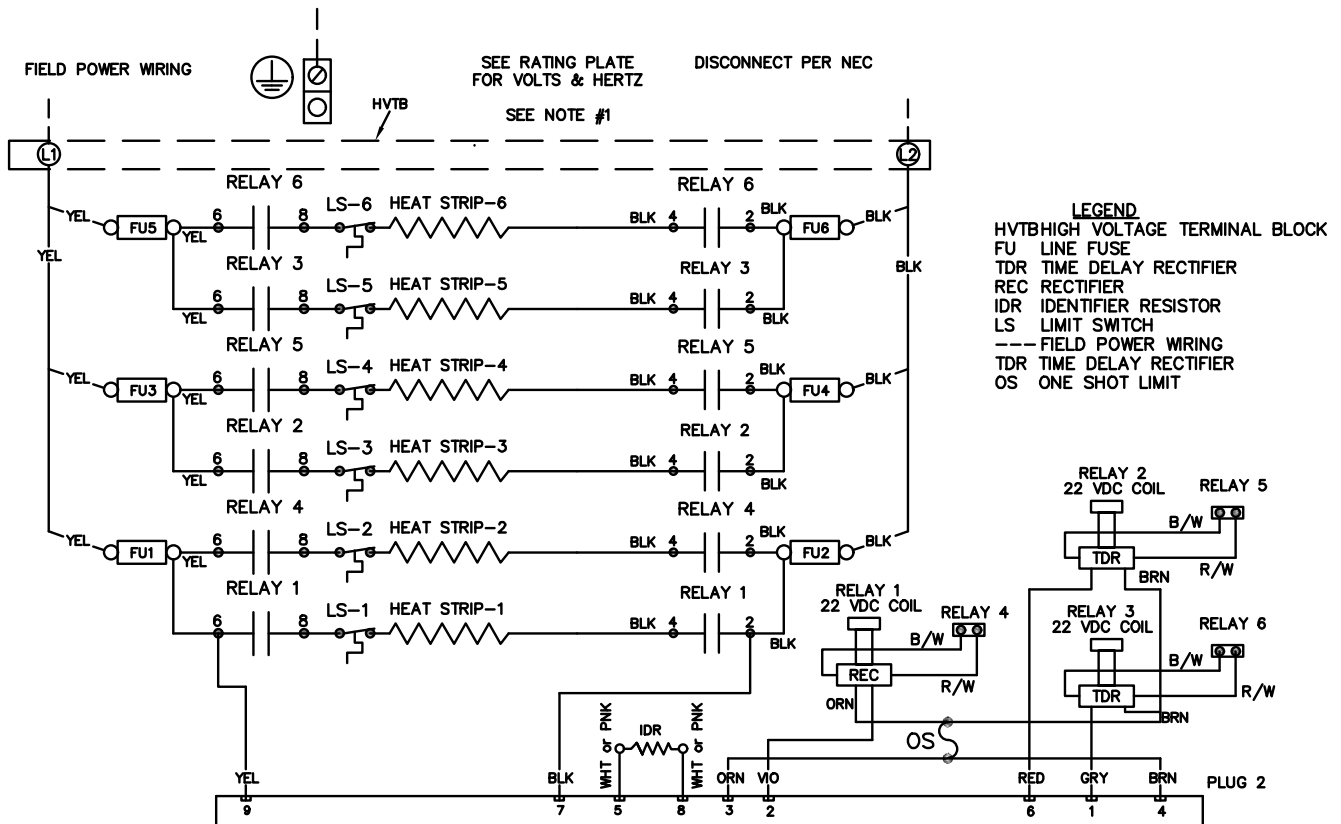


Fig. 2 – Heaters EHC25(B,D)HCF / EHC30(B,D)HCF 1-PHASE (06-24288)

A240243

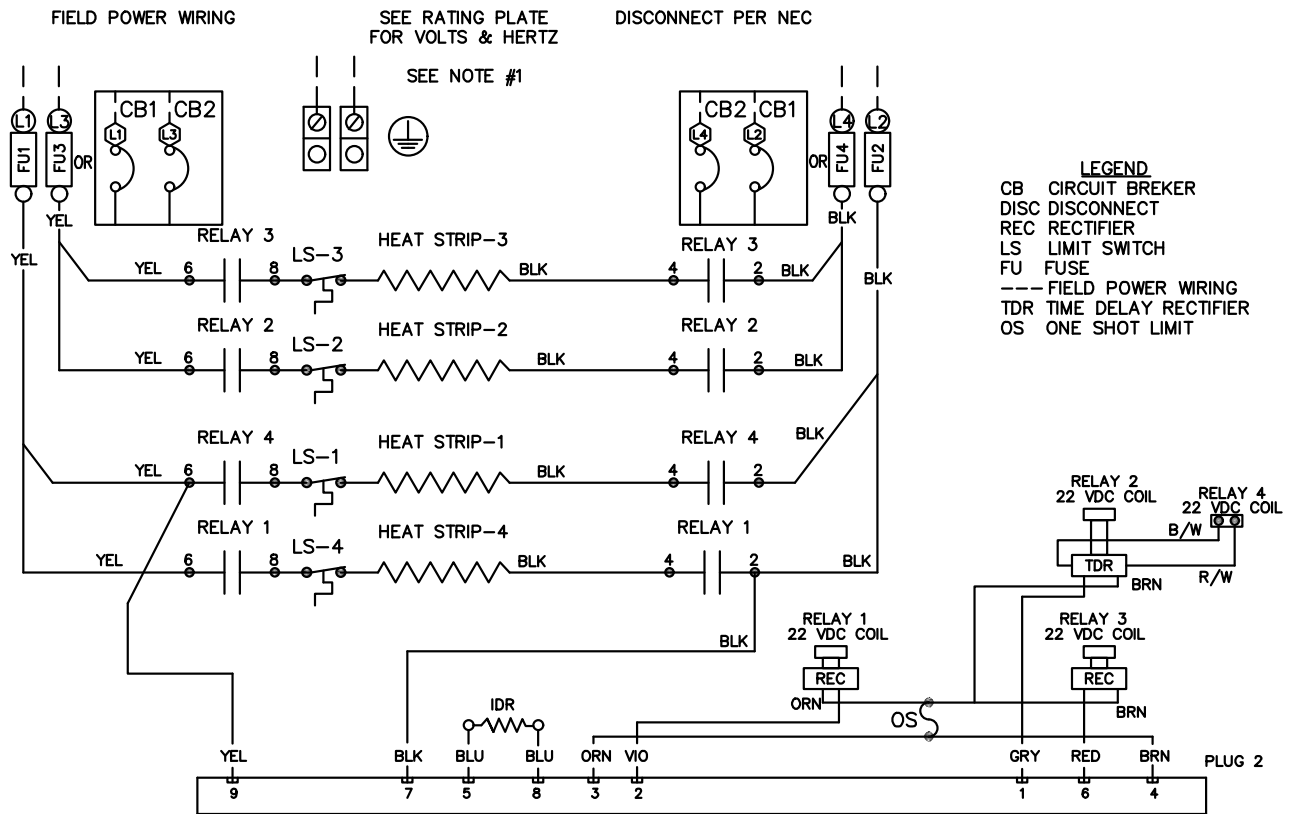


Fig. 3 – Heaters EHC20BKF / EHC20BKB (06-24289)

A240244

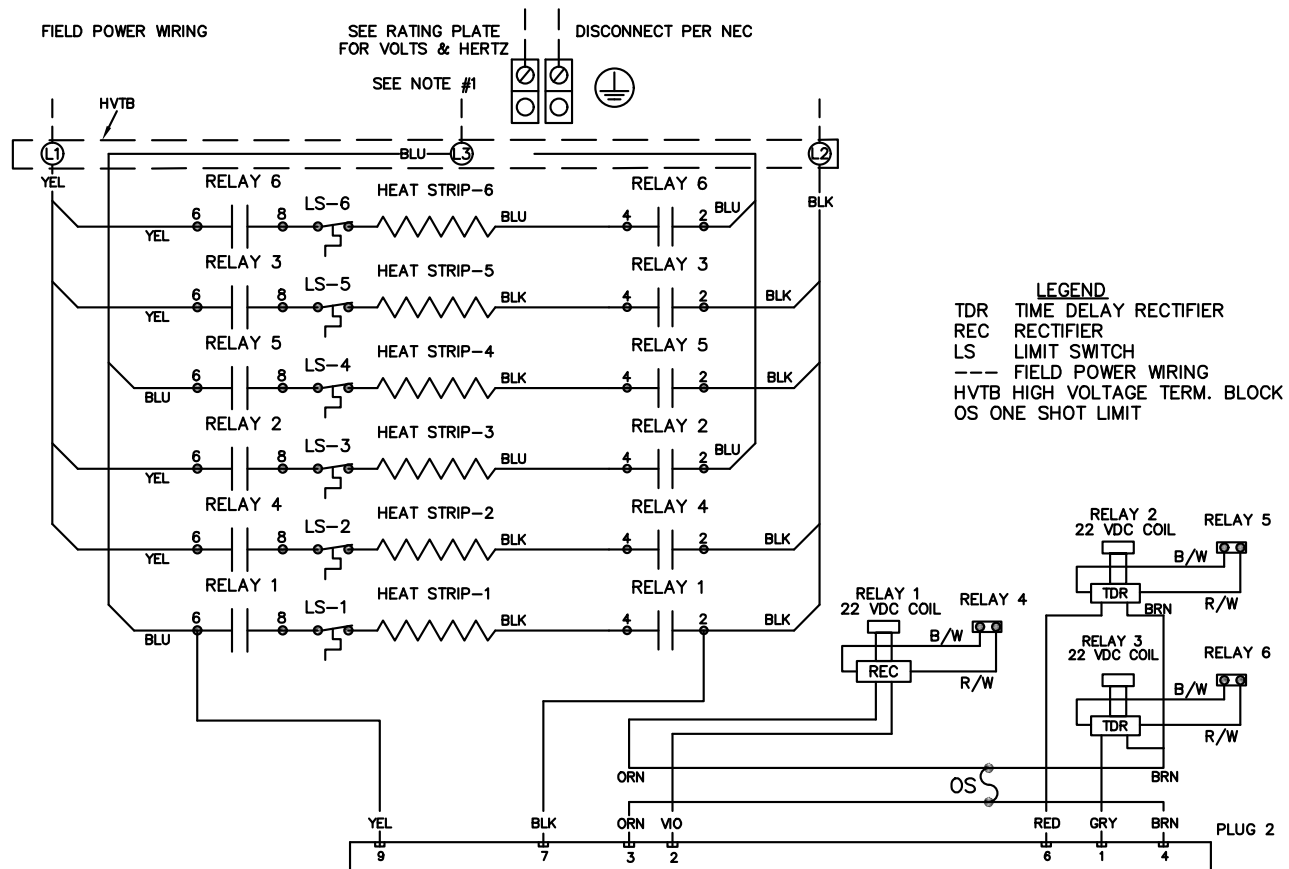


Fig. 4 – Heater EHC18(B,D)HN 3-PHASE (06-24290)

A240245

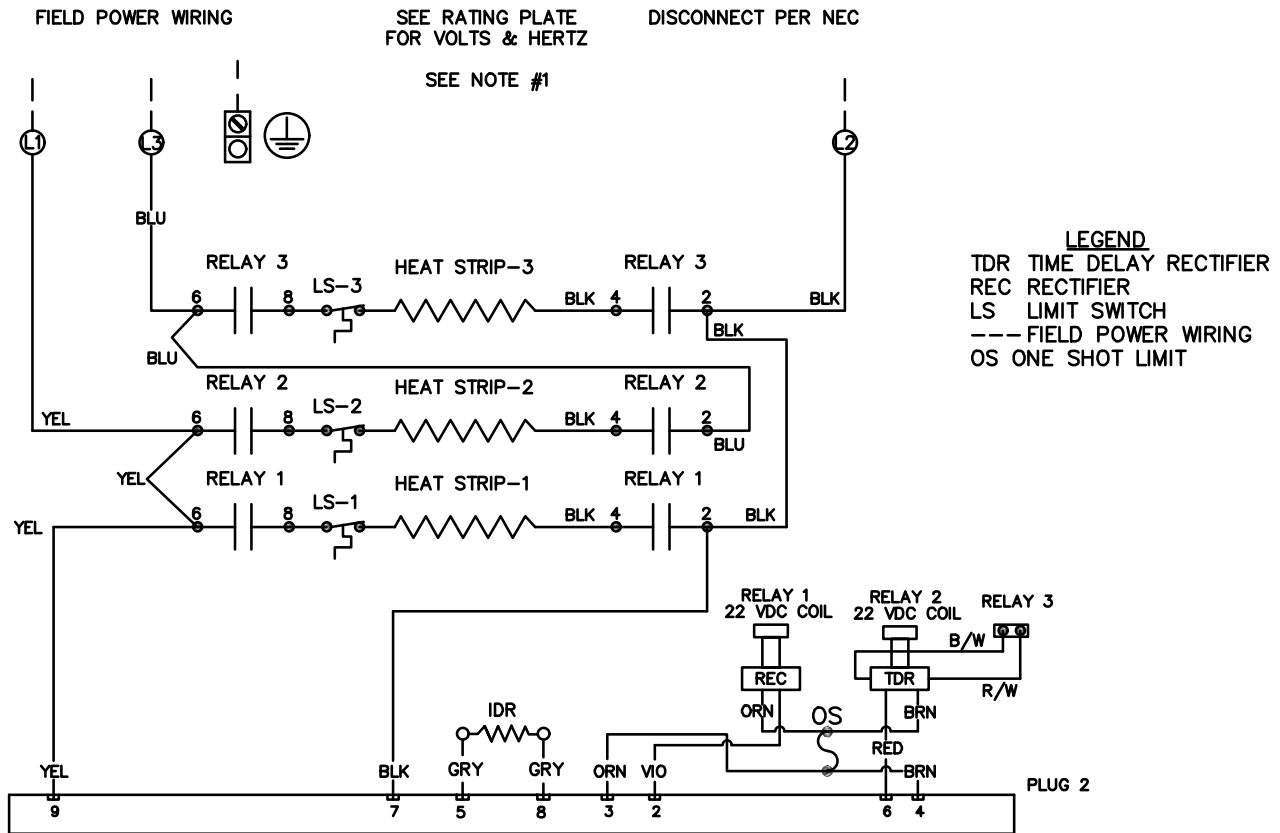


Fig. 5 – Heater EHC15BHN (06-24291)

A240246

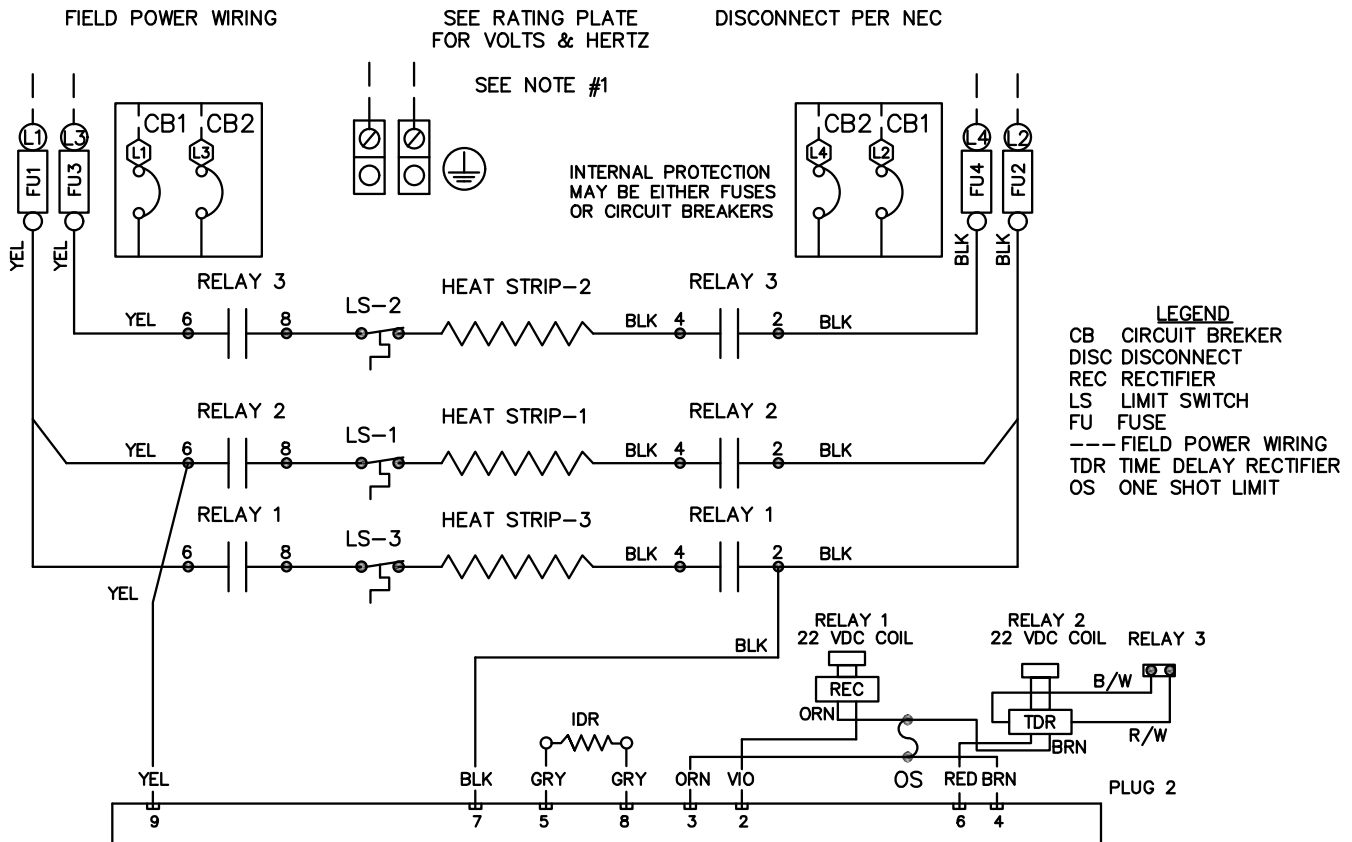


Fig. 6 – Heaters EHC15BKF / EHC15BKB (06-24292)

A240247

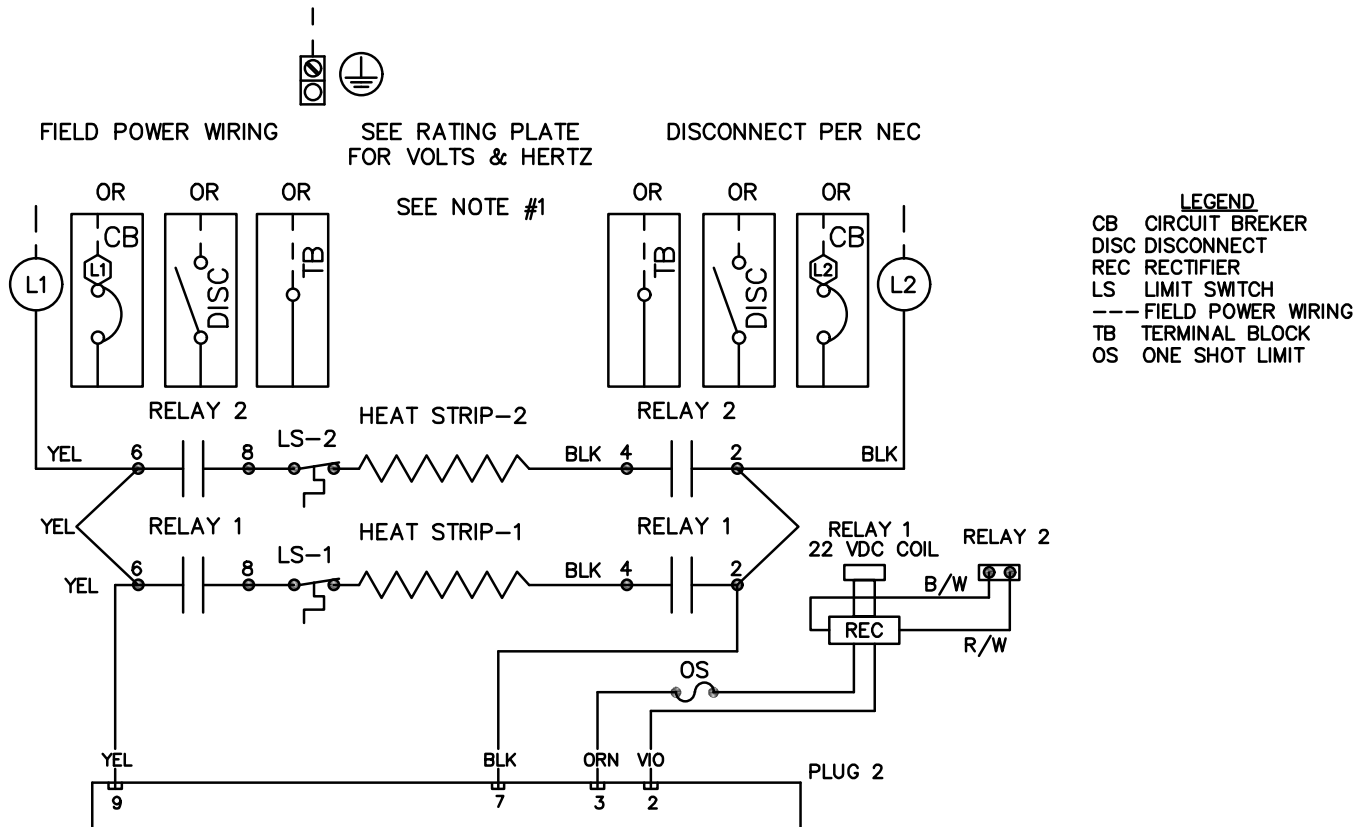
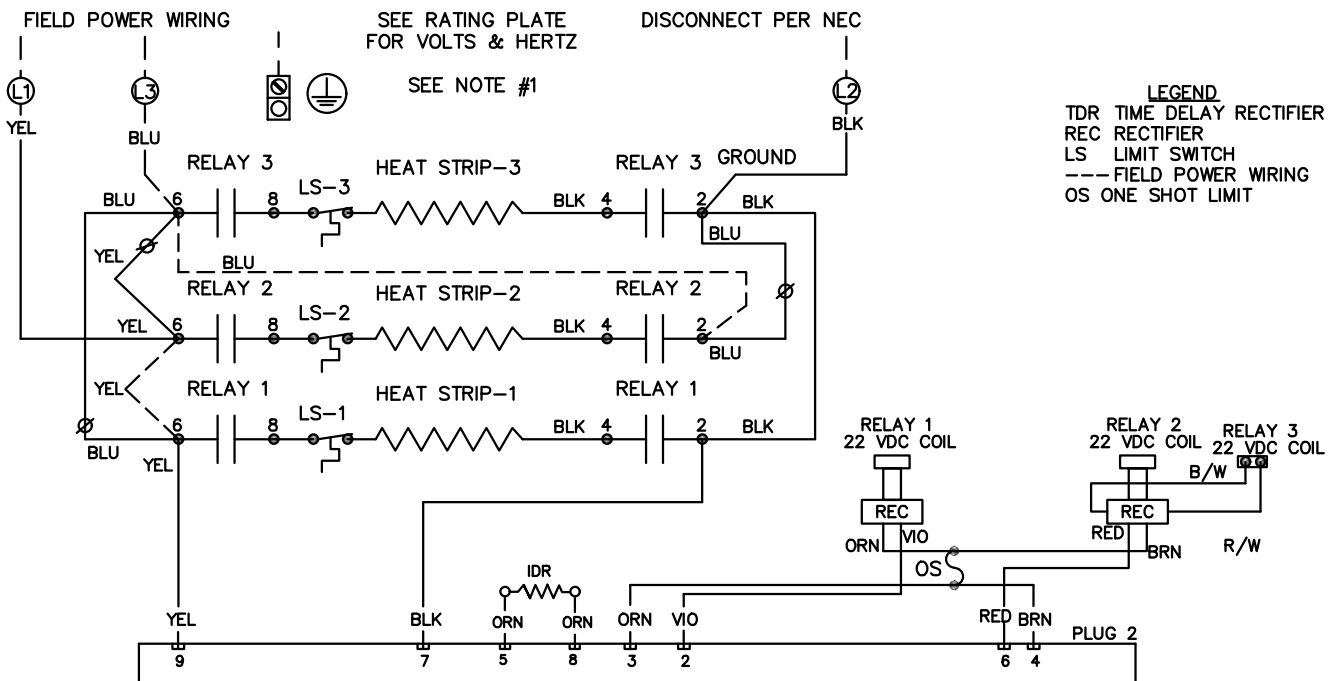


Fig. 7 – Heaters EHC07BKN / EHC10BKN / EHC07BKB / EHC10BKB (06-24293)

A240248

FOR 3 PHASE WIRING

Ø DENOTES WIRE TO BE MOVED FOR 3 PHASE CONVERSION. DASHED WIRE (---) INDICATES WIRING AFTER CONVERSION.

1. DISCONNECT BLUE WIRE FROM RELAY 1 TERMINAL 6, CUT, STRIP, AND CONNECT TO FIELD WIRE L3.
2. DISCONNECT YELLOW WIRE FROM RELAY 3 TERMINAL 6, AND CONNECT TO RELAY 1 TERMINAL 6.
3. DISCONNECT BLUE WIRE FROM RELAY 3 TERMINAL 2, AND CONNECT TO RELAY 3 TERMINAL 6.

Fig. 8 – Heater EHC09BKCN (06-24294)

A240249

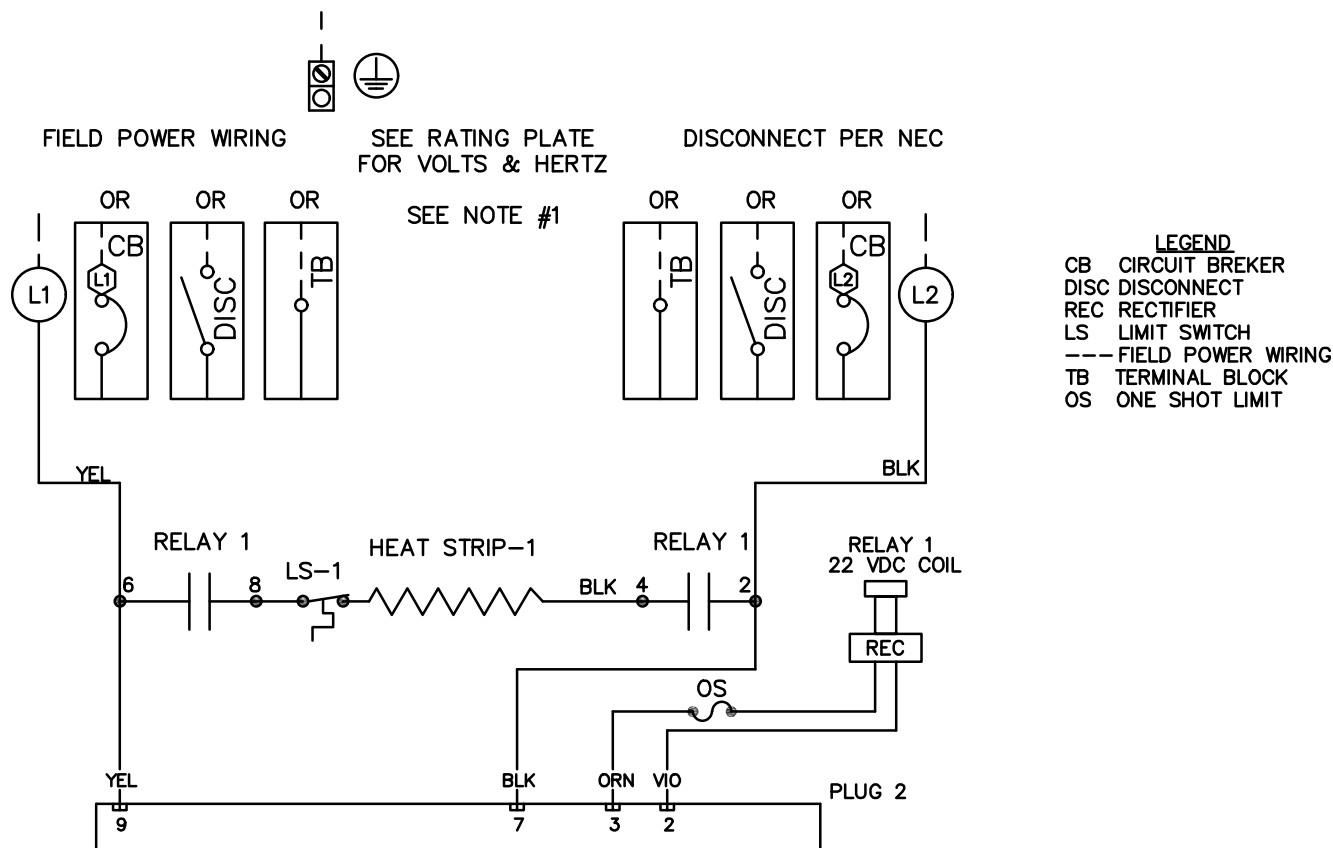


Fig. 9 – Heaters / EHC05BKN / EHC05BKB (06-24295)

A220450

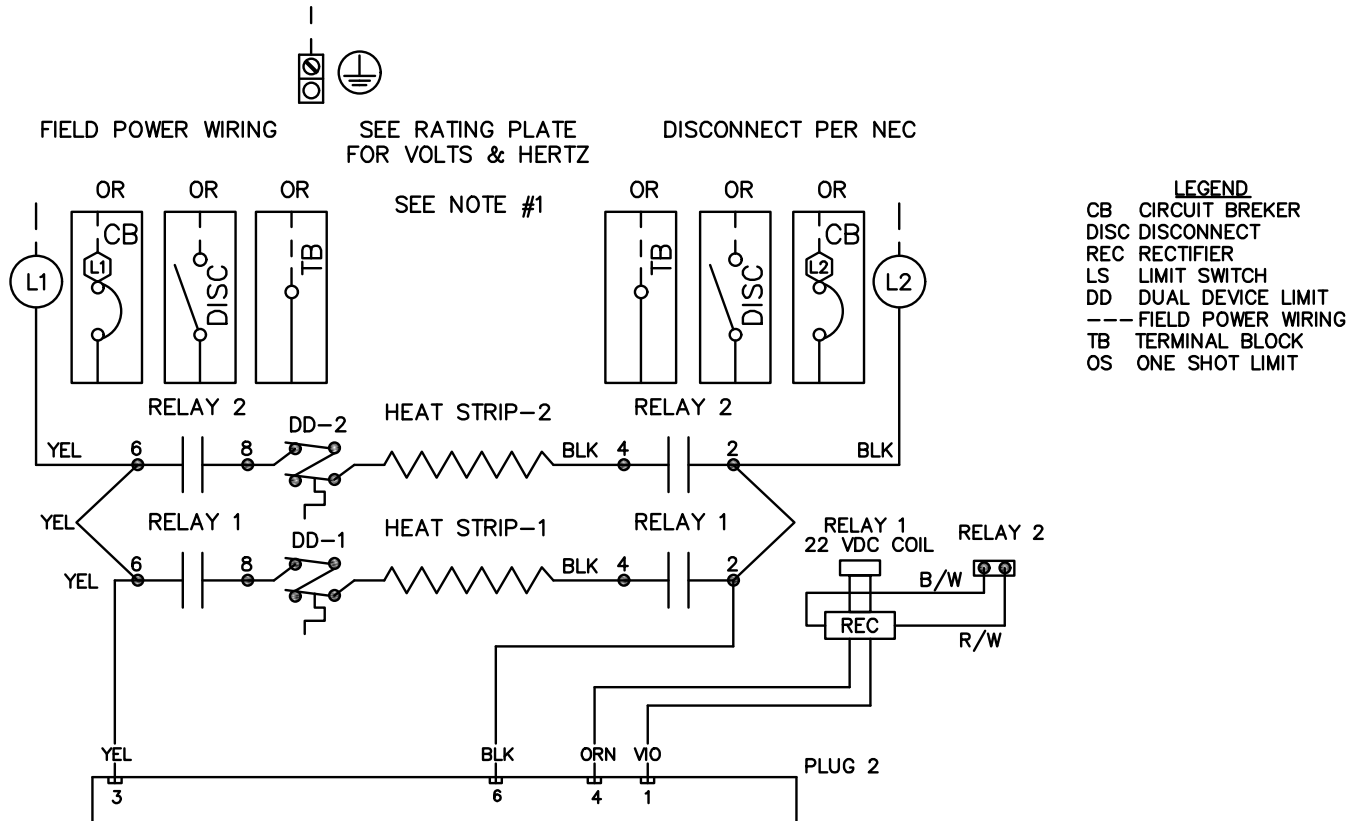


Fig. 10 – Heaters EHC07CKB / EHC10CKB / EHC07CKN / EHC10CKN (06-24296)

A240251

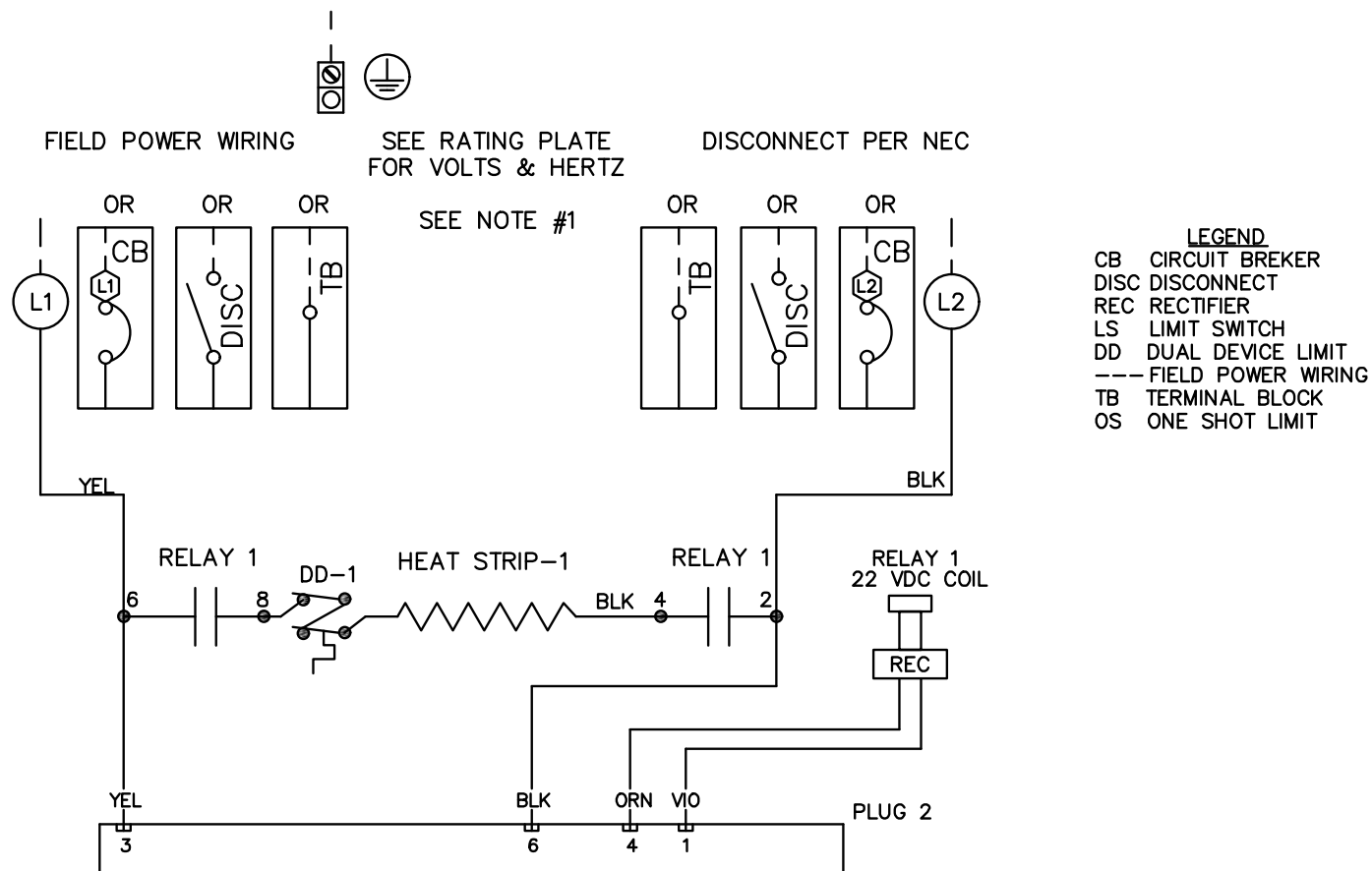


Fig. 11 – Heaters EHC05CKB // EHC05CKN (06-24297)

A240252

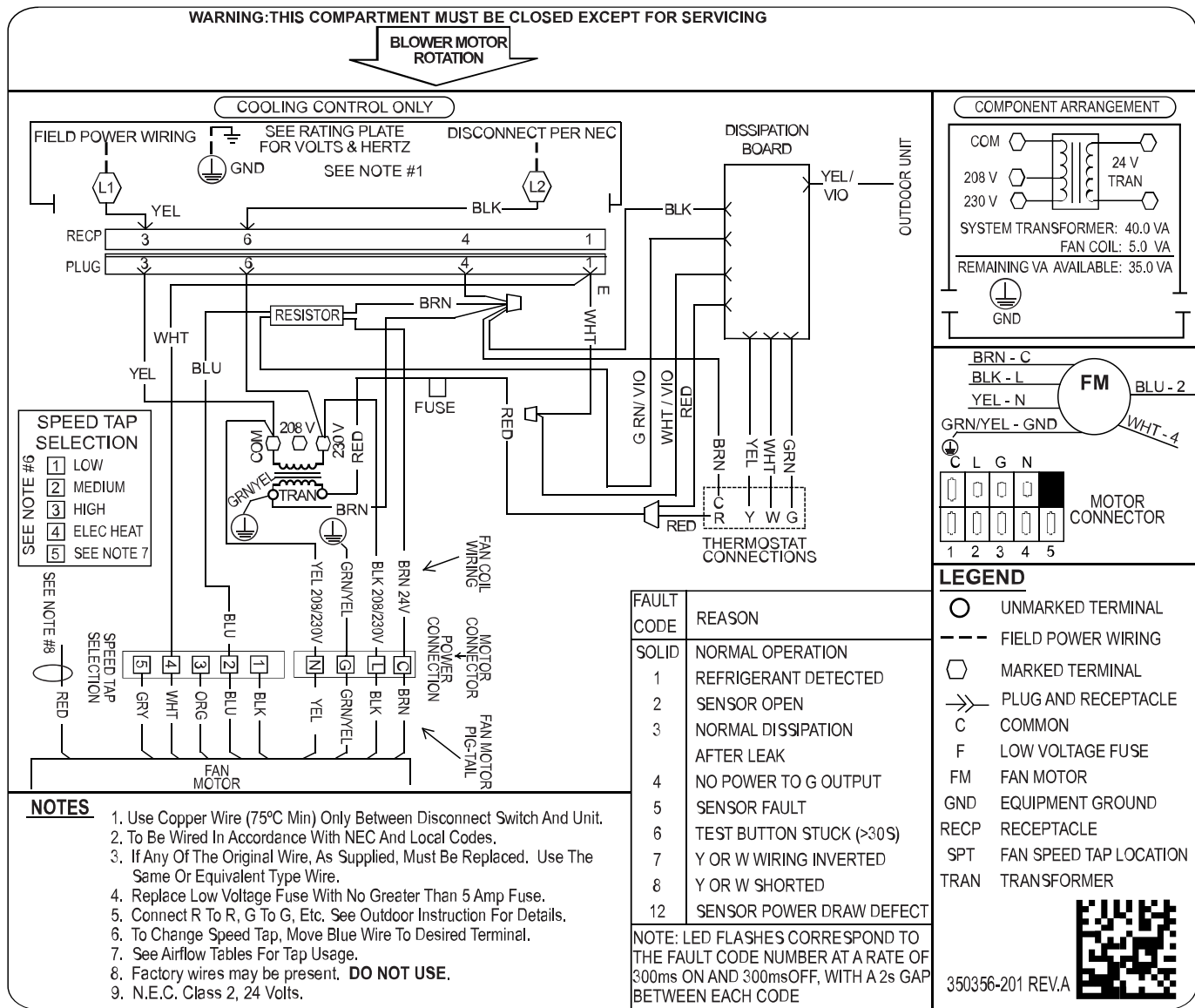


Fig. 12 – FHMA5 / WCHL — 1-1/2 Ton with Cooling Only Control (350356-2)

A250133

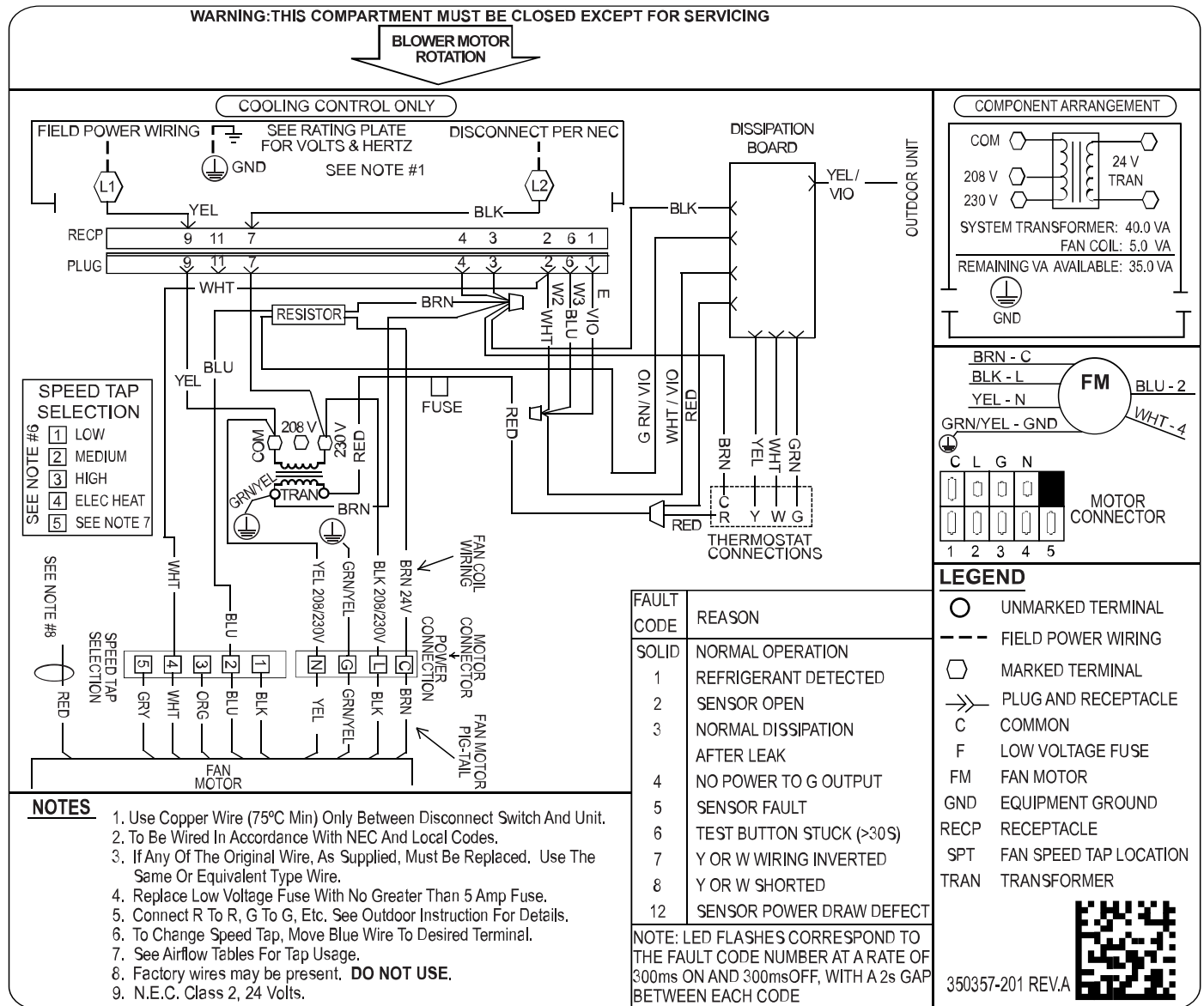


Fig. 13 – FHMA5 / WCHL — 2 thru 5 Ton with Cooling Only Control (350357-2)

A250135

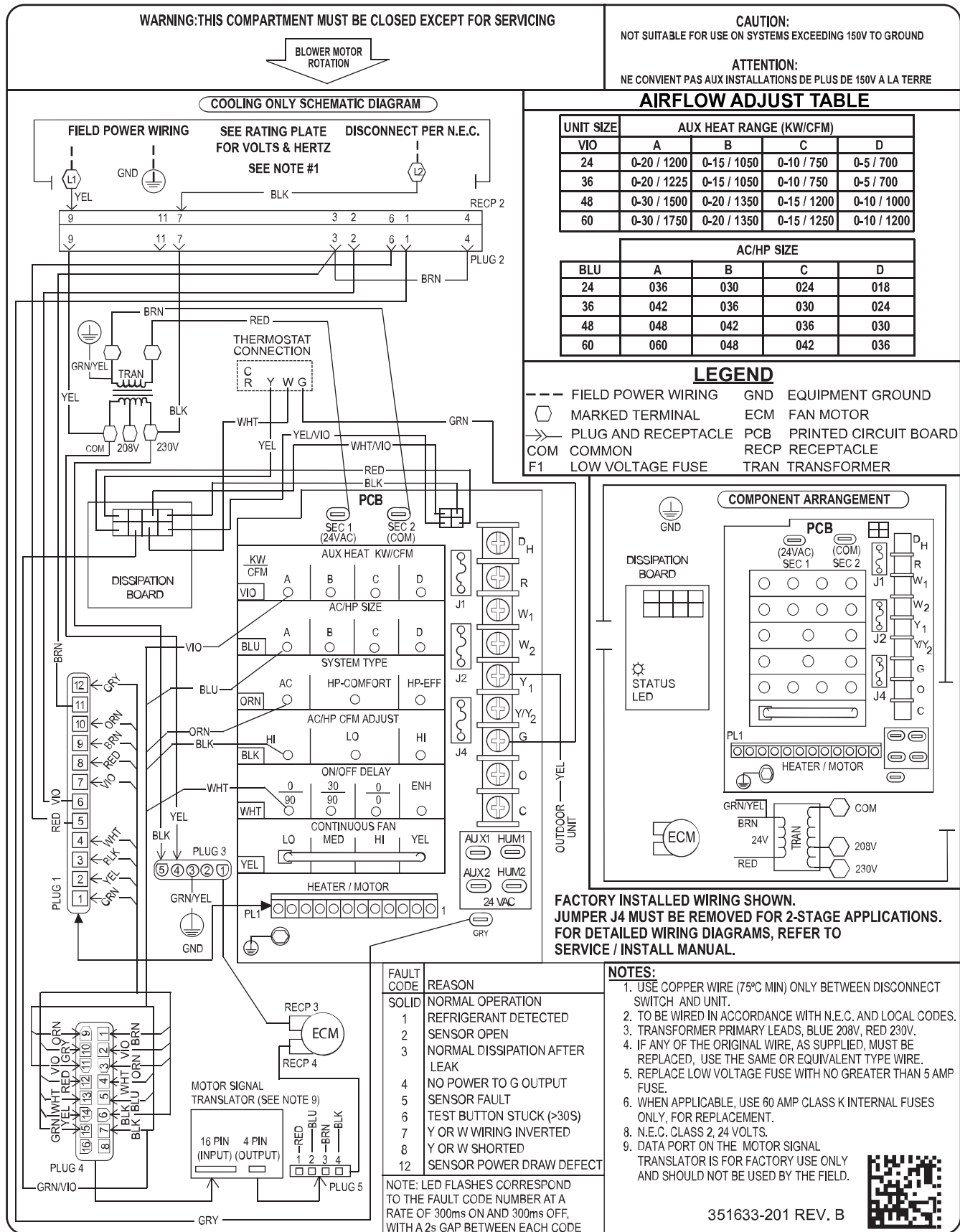


Fig. 14 – FTMA5 / WCGL (Minor Series 2) — 2 thru 5 Ton with Cooling Only Control (351633-2)

A250239

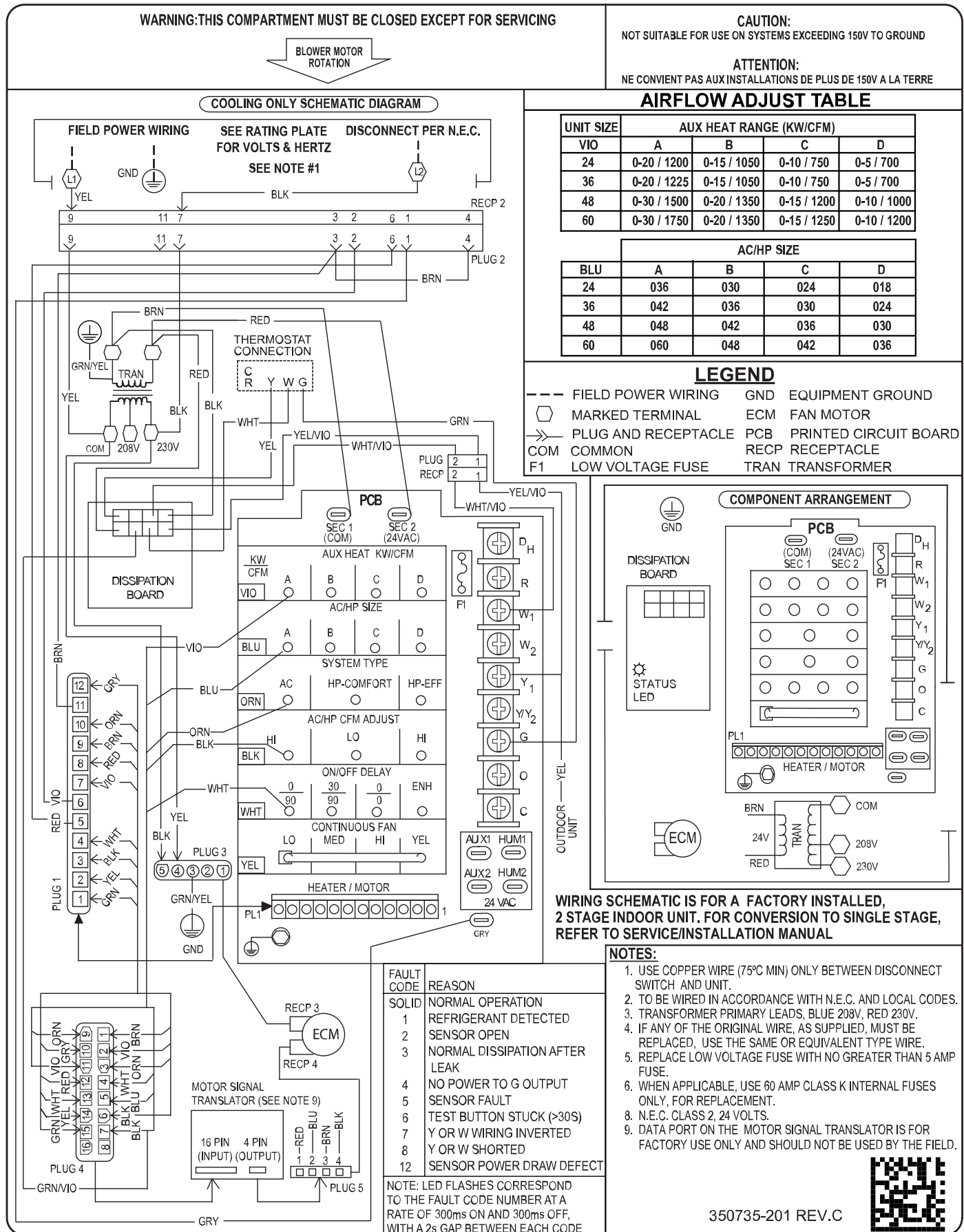


Fig. 15 – FTMA5 / WCGL (Minor Series 1) — 2 thru 5 Ton with Cooling Only Control (350735-2)

A250138

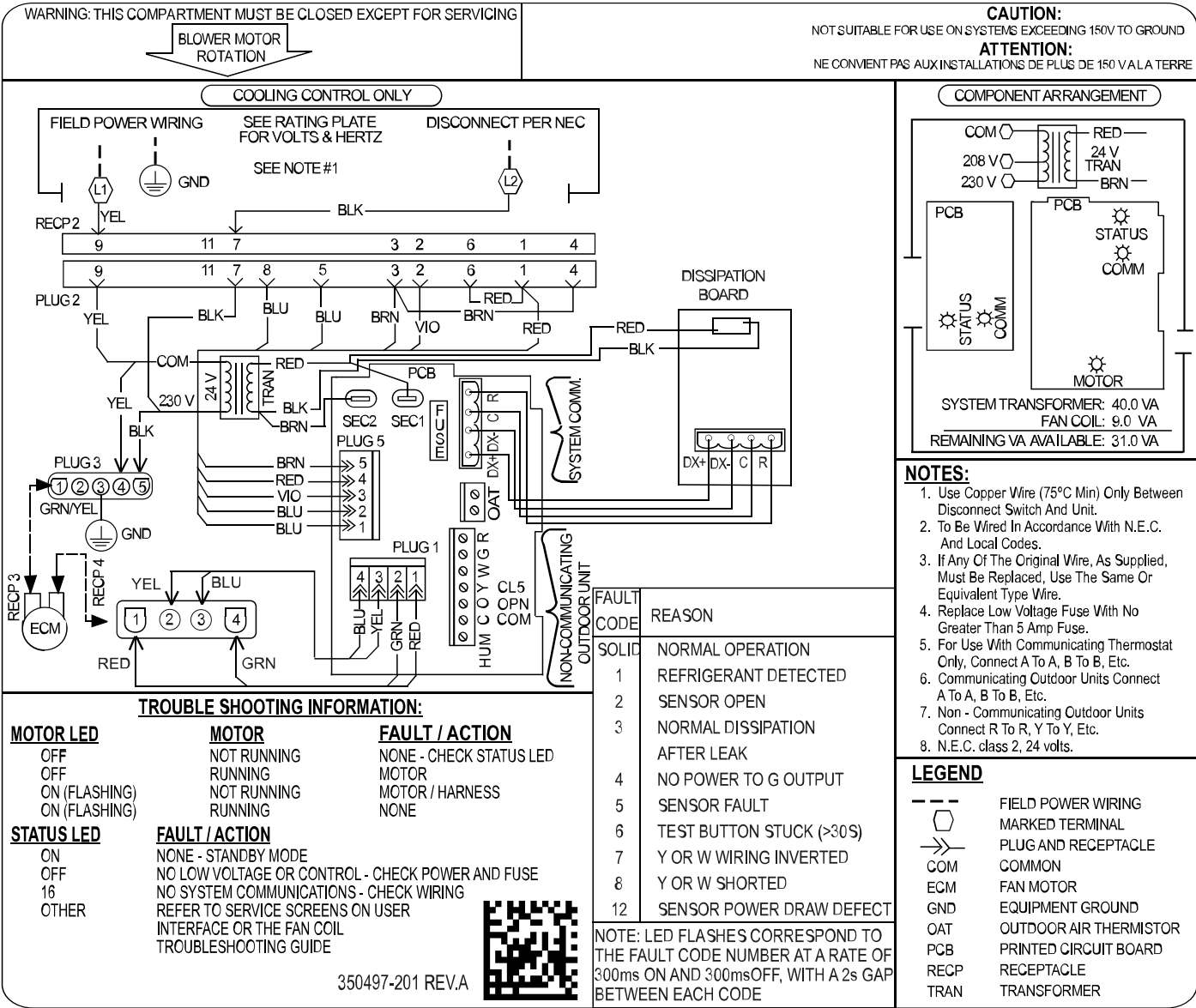


Fig. 16 – FCMA5 — 2 thru 5 Ton with Cooling Only Control (350497-2)

A250140

A250130

A250131

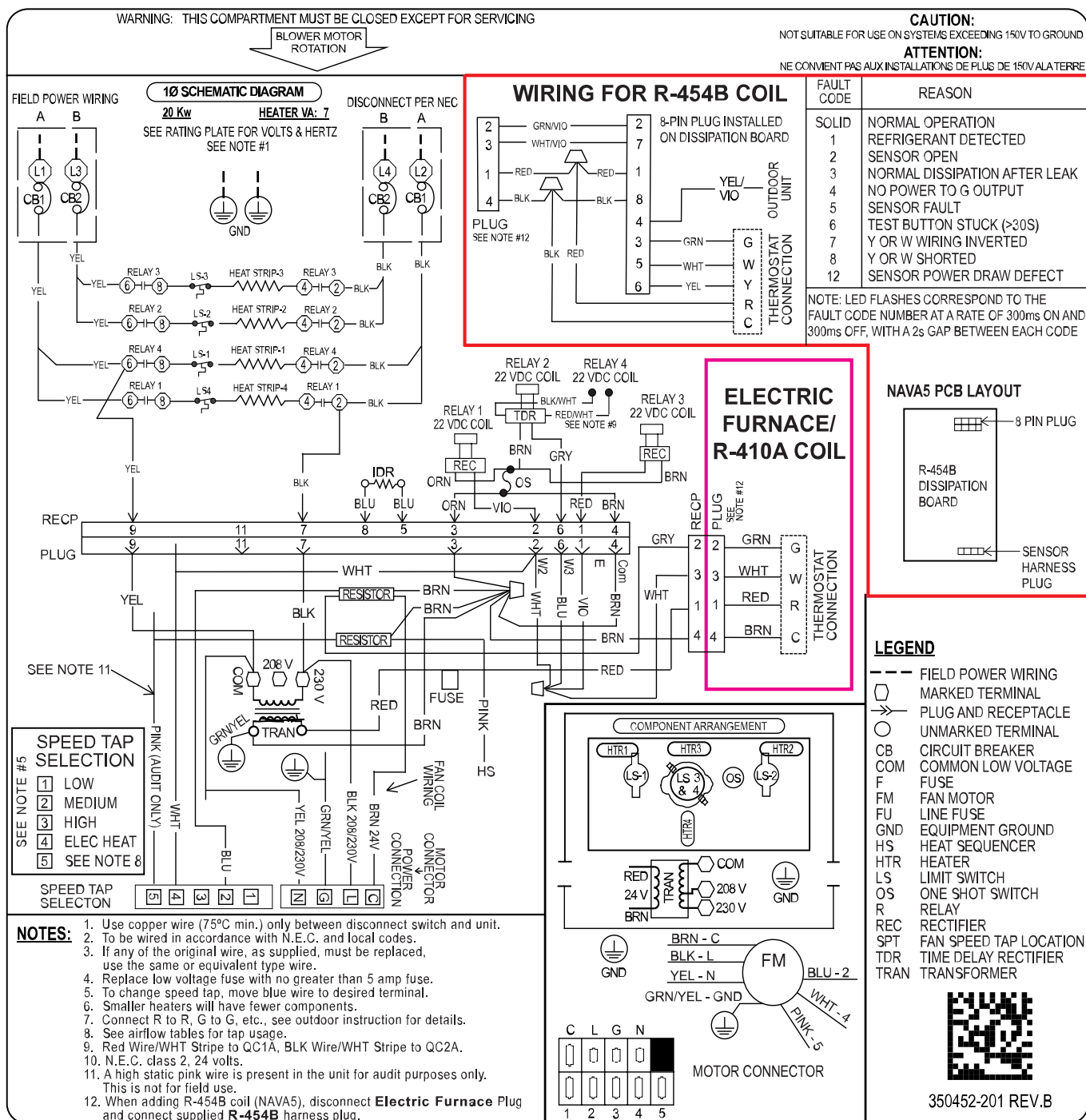


Fig. 19 – Label 350452-2 – MECH20BKH1 – 20kW, Circuit Breaker, Horizontal, Manufactured Home

A250132