

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

WIRING DIAGRAMS

Wiring Diagrams Electric Heaters						
FIG.	Description	HEATER PART NO.	FJ5 / PF5MNX	FT5 / FG5	FE5	Label
Fig. 9	3 KW-NON-FUSED	KFFEHE0401N03	24	24	24	06-24295-00
Fig. 9	5 KW-NON-FUSED, UPFLOW	KFFEHE0501N05	24-60	24-60	24-60	06-24295-00
Fig. 7	8 KW-NON-FUSED	KFFEHE0801N08	24-60	24-60	24-60	06-24293-00
Fig. 7	10 KW-NON-FUSED	KFFEHE0901N10	24-60	24-60	24-60	06-24293-00
Fig. 5	15 KW-NON-FUSED 3PH	KFFEHE1601315	36-60	36-60	36-60	06-24291-00
Fig. 9	5 KW-CKT BRKR	KFFEHE2401C05	24-60	24-60	24-60	06-24295-00
Fig. 7	8 KW-CKT BRKR	KFFEHE2501C08	24-60	24-60	24-60	06-24293-00
Fig. 7	10 KW-CKT BRKR	KFFEHE2601C10	24-60	24-60	24-60	06-24293-00
Fig. 8	9 KW-NON-FUSED	KFFEHE2901N09	36-60	36-60	36-60	06-24294-00
Fig. 6	15 KW-FUSED	KFFEHE3001F15	24-60	24-60	24-60	06-24292-00
Fig. 6	15 KW-CKT BRKR	KFFEHE3101C15	24-60	24-60	24-60	06-24292-00
Fig. 4	18 KW-NON-FUSED 3PH	KFFEHE2001318 / KFFEHE3601318	42-60	42-60	42-60	06-24290-00
Fig. 3	20 KW-FUSED	KFFEHE3201F20	30-60	30-60	30-60	06-24289-00
Fig. 3	20 KW-CKT BRKR	KFFEHE3301C20	30-60	30-60	30-60	06-24289-00
Fig. 2 Fig. 1	24 KW-FUSED 1PH 24 KW-FUSED 3PH	KFFEHE3401F24 / KFFEHE3701F24	48-60	48-60	48-60	06-24288-00 06-24287-00
Fig. 2 Fig. 1	30 KW-FUSED 1PH 30 KW-FUSED 3PH	KFFEHE3501F30 / KFFEHE3801F30	48-60	48-60	48-60	06-24288-00 06-24287-00
Fig. 11	5 KW-CKT BRKR	KFFEHE8401C05	18	N/A	N/A	06-24297-00
Fig. 11	3 KW-NON-FUSED	KFFEHE8401N03	18	N/A	N/A	06-24297-00
Fig. 10	8 KW-CKT BRKR	KFFEHE8501C08	18	N/A	N/A	06-24296-00
Fig. 11	5 KW-NON-FUSED	KFFEHE8501N05	18	N/A	N/A	06-24297-00
Fig. 10	10 KW-CKT BRKR	KFFEHE8601C10	18	N/A	N/A	06-24296-00
Fig. 10	8 KW-NON-FUSED	KFFEHE8801N08	18	N/A	N/A	06-24296-00
Fig. 10	10 KW-NON-FUSED	KFFEHE8901N10	18	N/A	N/A	06-24296-00

Fan Coil with Cooling Only Control			
FIG.	MODEL	SIZE	LABEL
Fig. 12	FJ5	18	350358-201
Fig. 13	FJ5	24 – 36, 60	350357-201
Fig. 14	FJ5	42, 48	350361-201
Fig. 16	FT5 (minor series 2)	24 – 60	351632-201
Fig. 16	FT5 (minor series 1)	24 – 60	350734-201
Fig. 16	FE5	24 – 60	350496-201

Fan Coil with Factory Installed Heater Model				
FIG.	Description	HEATER PART NO.	FJ5 Model Size	Label
Fig. 18	5 KW-NON-FUSED	MKFFEH0501N05	24	350360-201
Fig. 19	5 KW-NON-FUSED	MKFFEH8501N05	18	350358-201
Fig. 20	8 KW-NON-FUSED	MKFFEH0801N08	30	350361-201
Fig. 21	8 KW-NON-FUSED	MKFFEH8801N08	18, 30	350359-201
Fig. 20	10 KW-NON-FUSED	MKFFEH0901N10	24-48	350361-201
Fig. 22	15 KW-FUSED	MKFFEH1501F15	36-48	350362-201

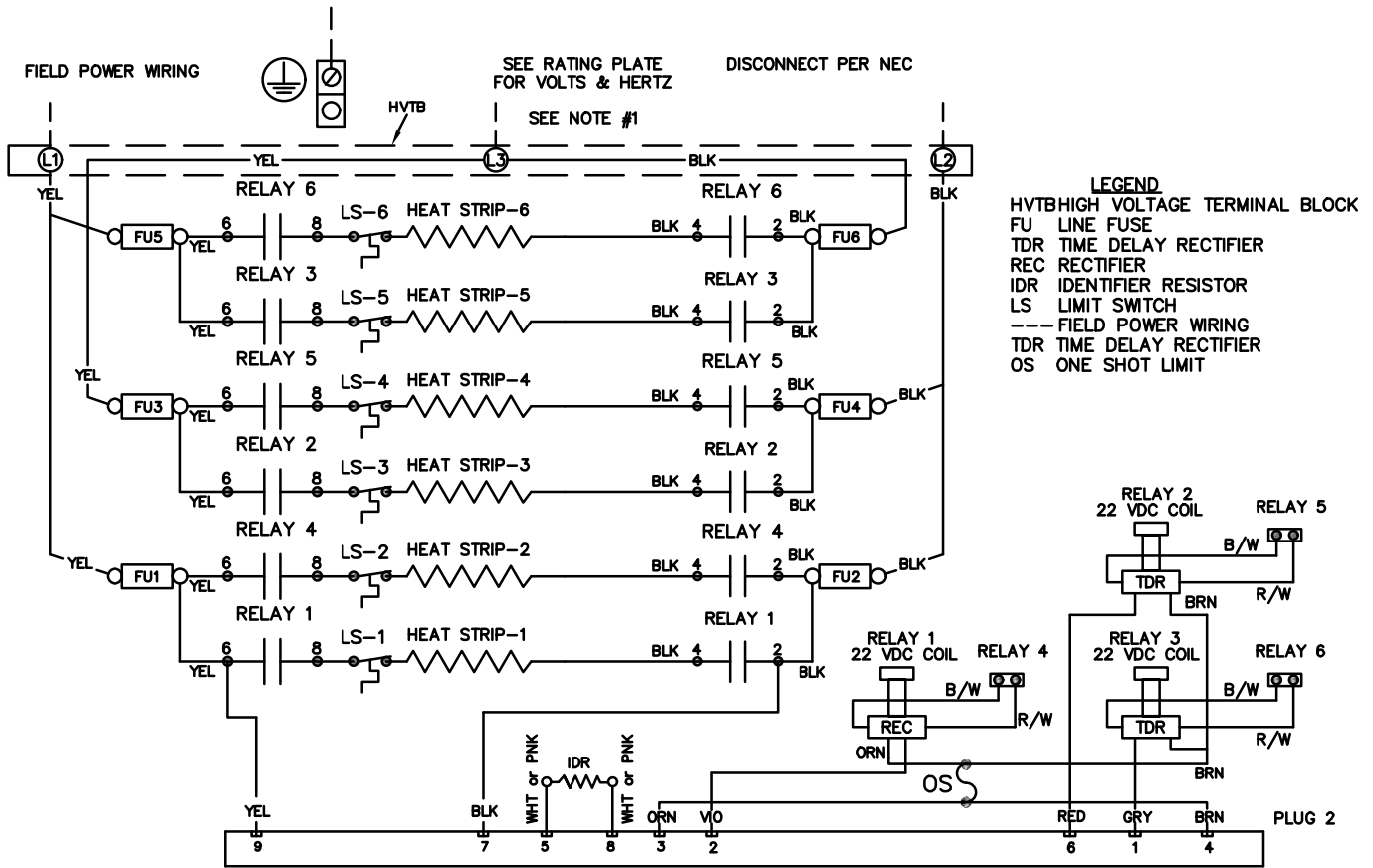


Fig. 1 – Heaters KFFEH3401F24 / KFFEH3501F30 3-PHASE (06-24287)

A240242

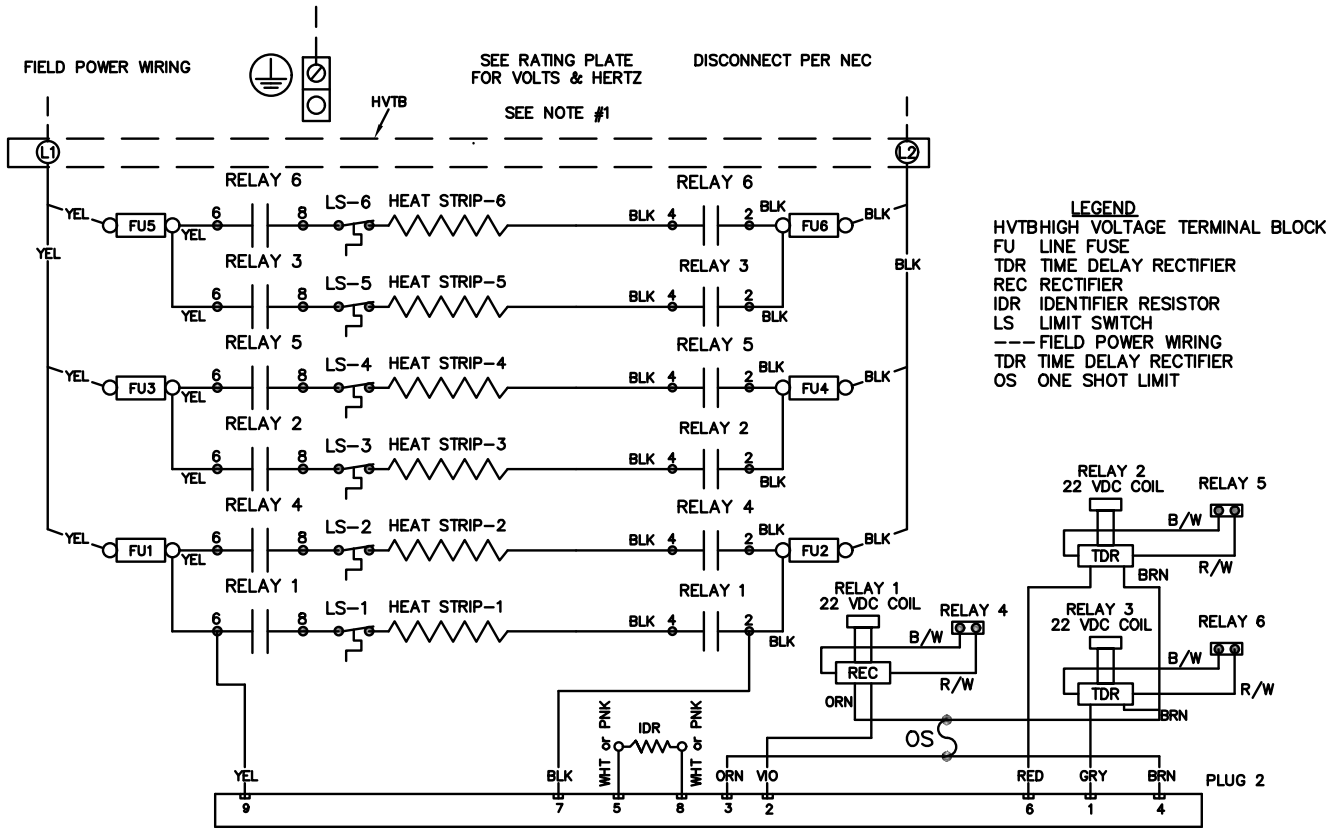


Fig. 2 – Heaters KFFE3401F24 / KFFE3501F30 1-PHASE (06-24288)

A240243

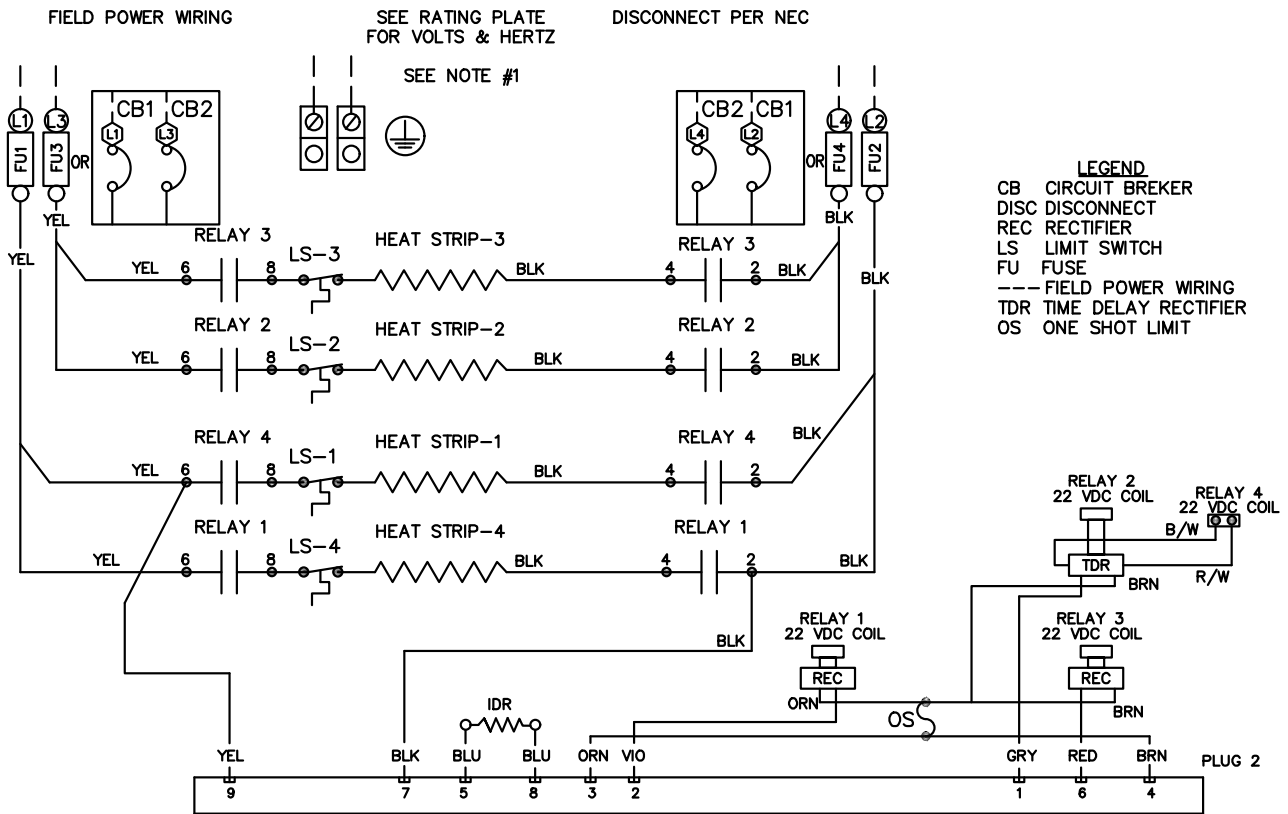


Fig. 3 – Heaters KFFE3201F20 / KFFE3301C20 (06-24289)

A240244

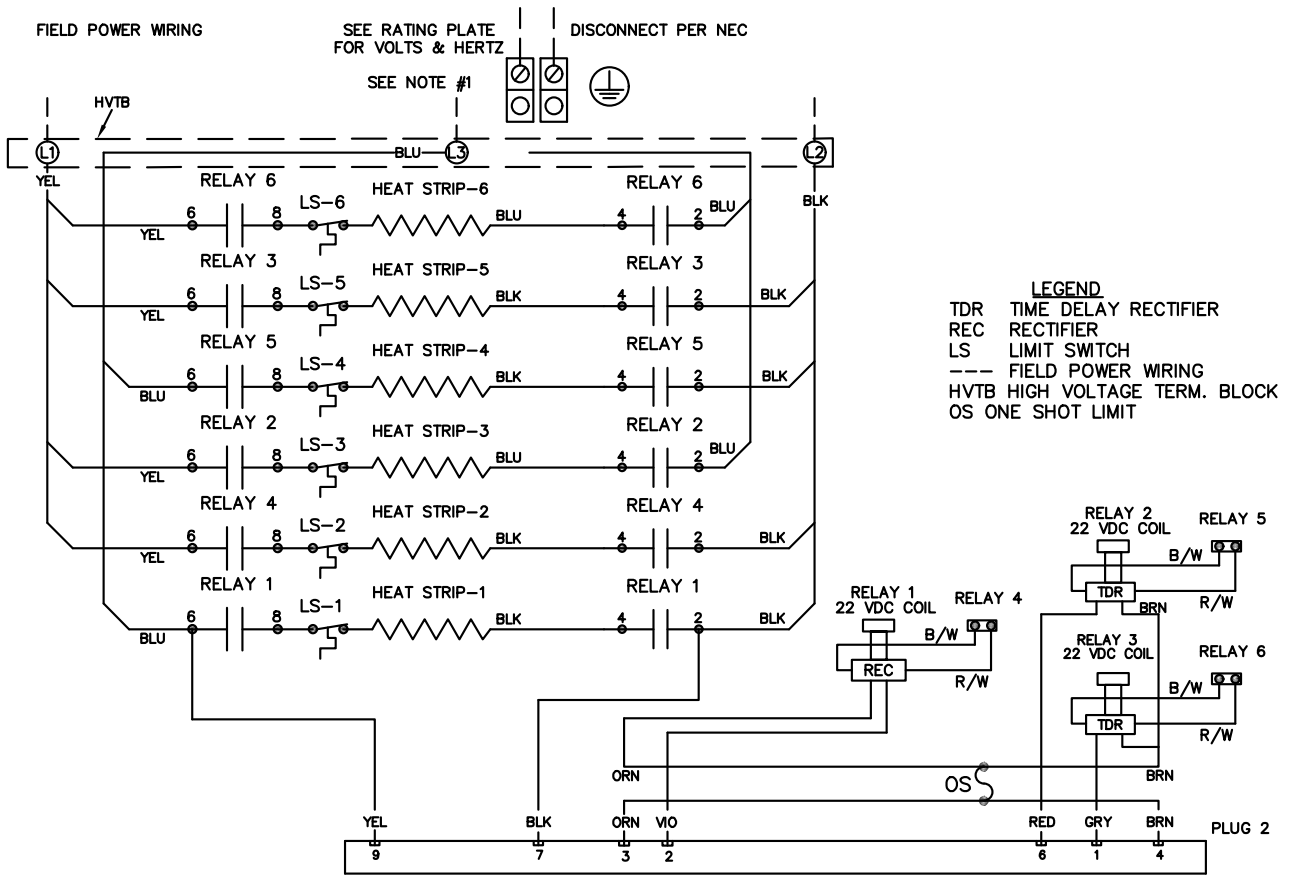


Fig. 4 – Heater KFFEH2001318 / KFFEH3601318 3-PHASE (06-24290)

A240245

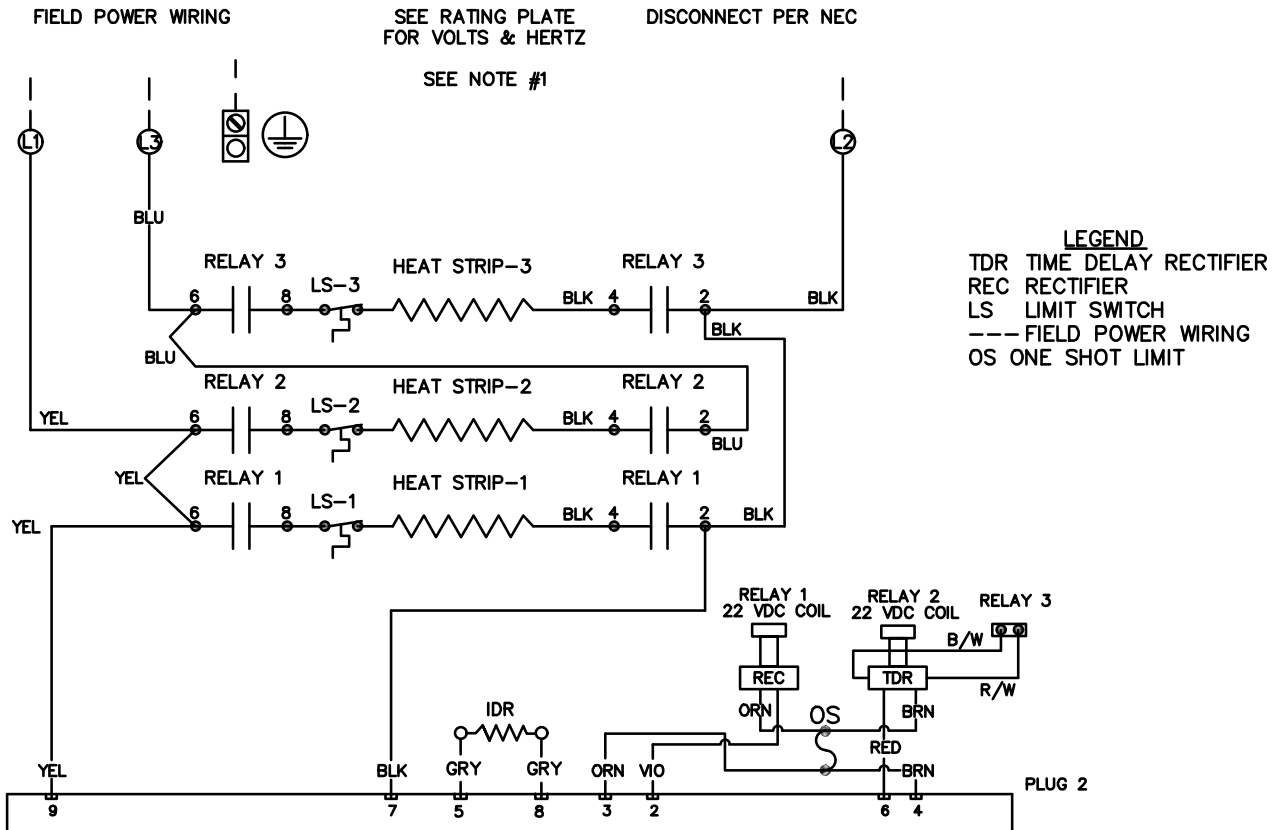


Fig. 5 – Heater KFFEH1601315 (06-24291)

A240246

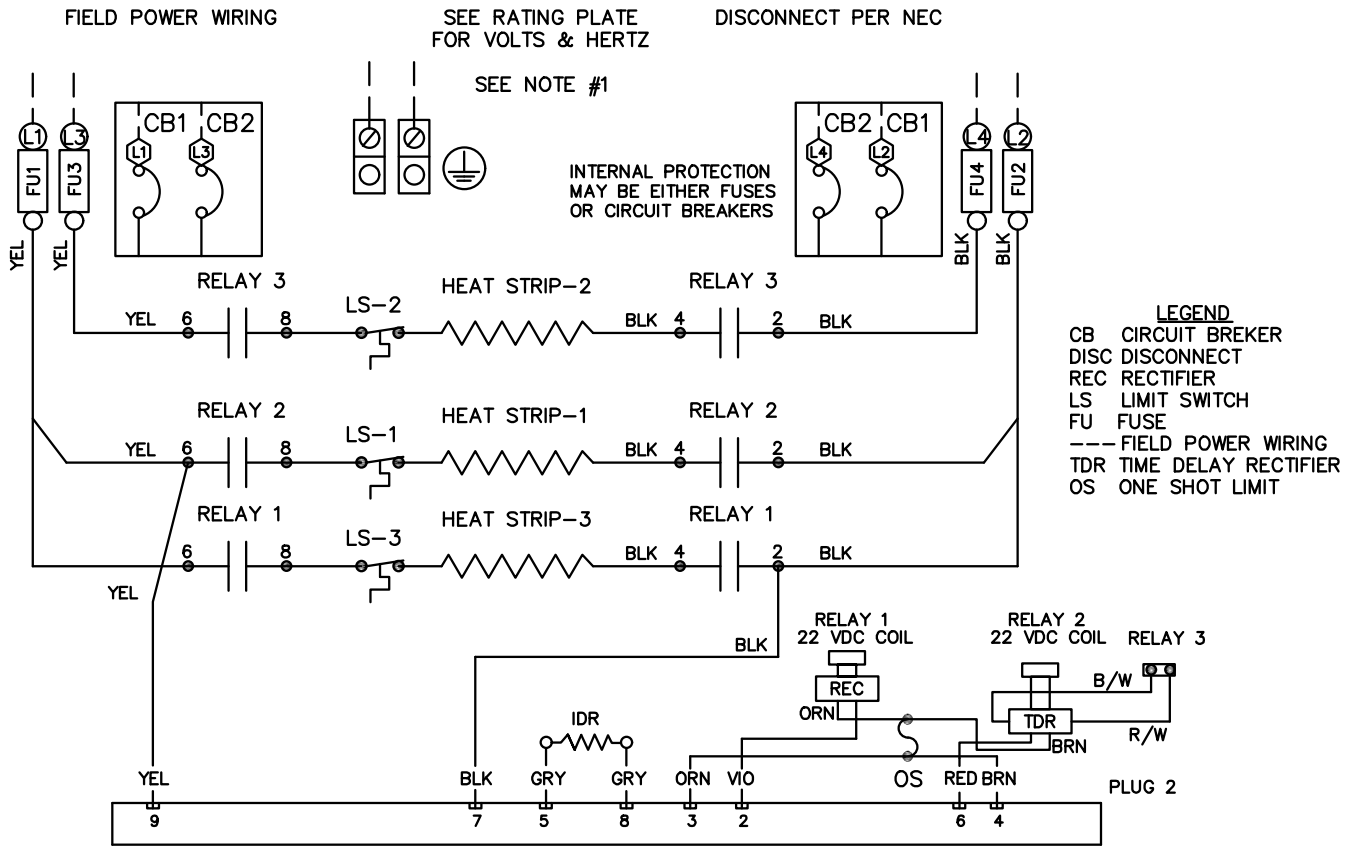


Fig. 6 – Heaters KFFE3001F15 / KFFE3101C15 (06-24292)

A240247

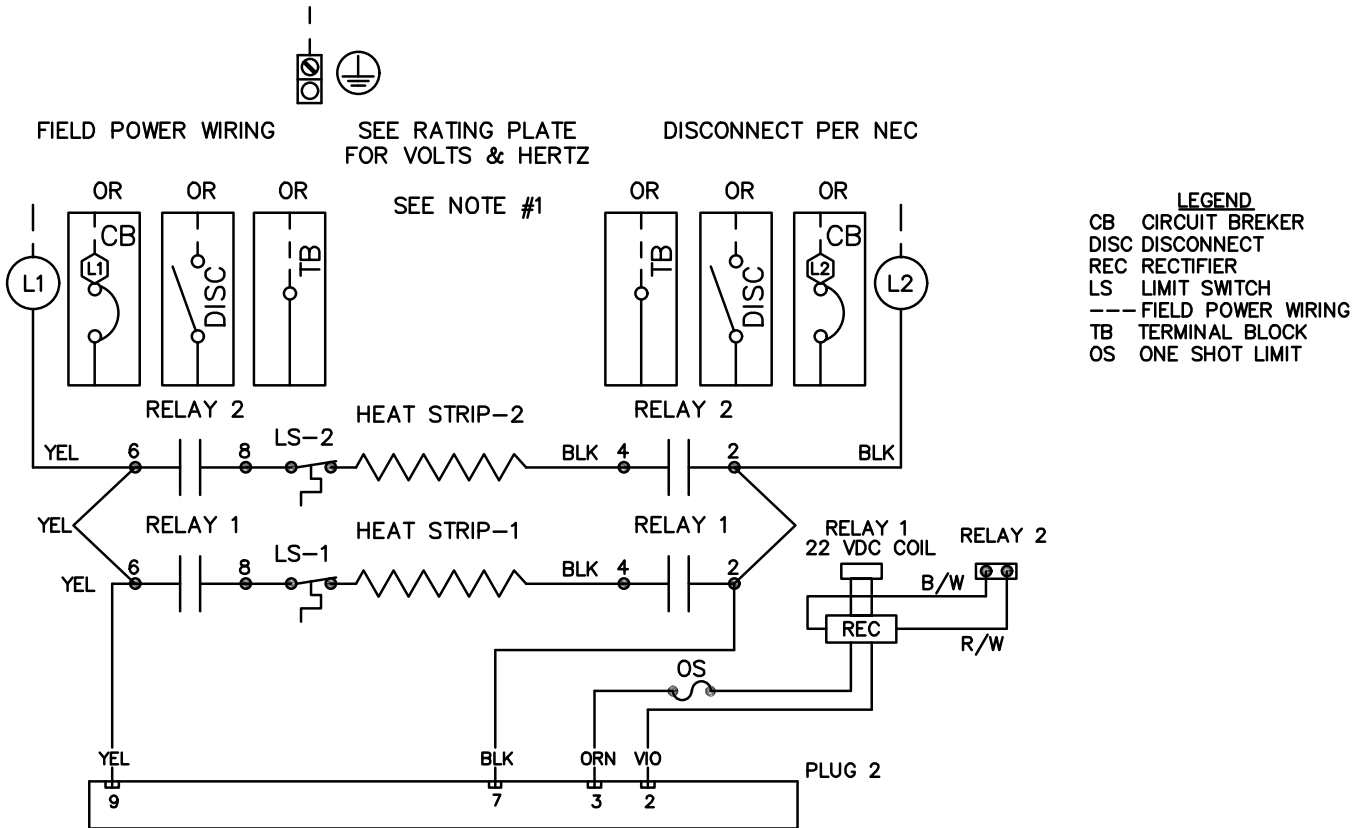
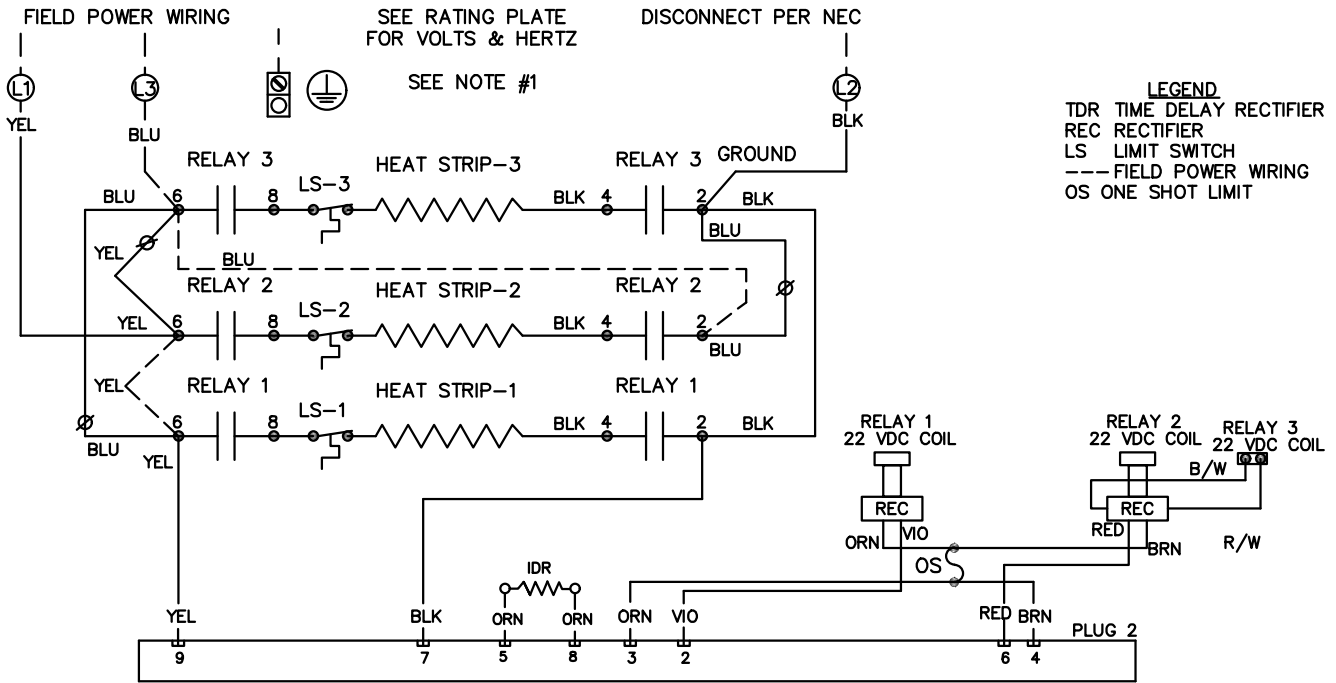


Fig. 7 – Heaters KFFE0801N08 / KFFE0901N10 / KFFE2501C08 / KFFE2601C10 (06-24293)

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 KFFE2901N09 (06-24294)

A240249

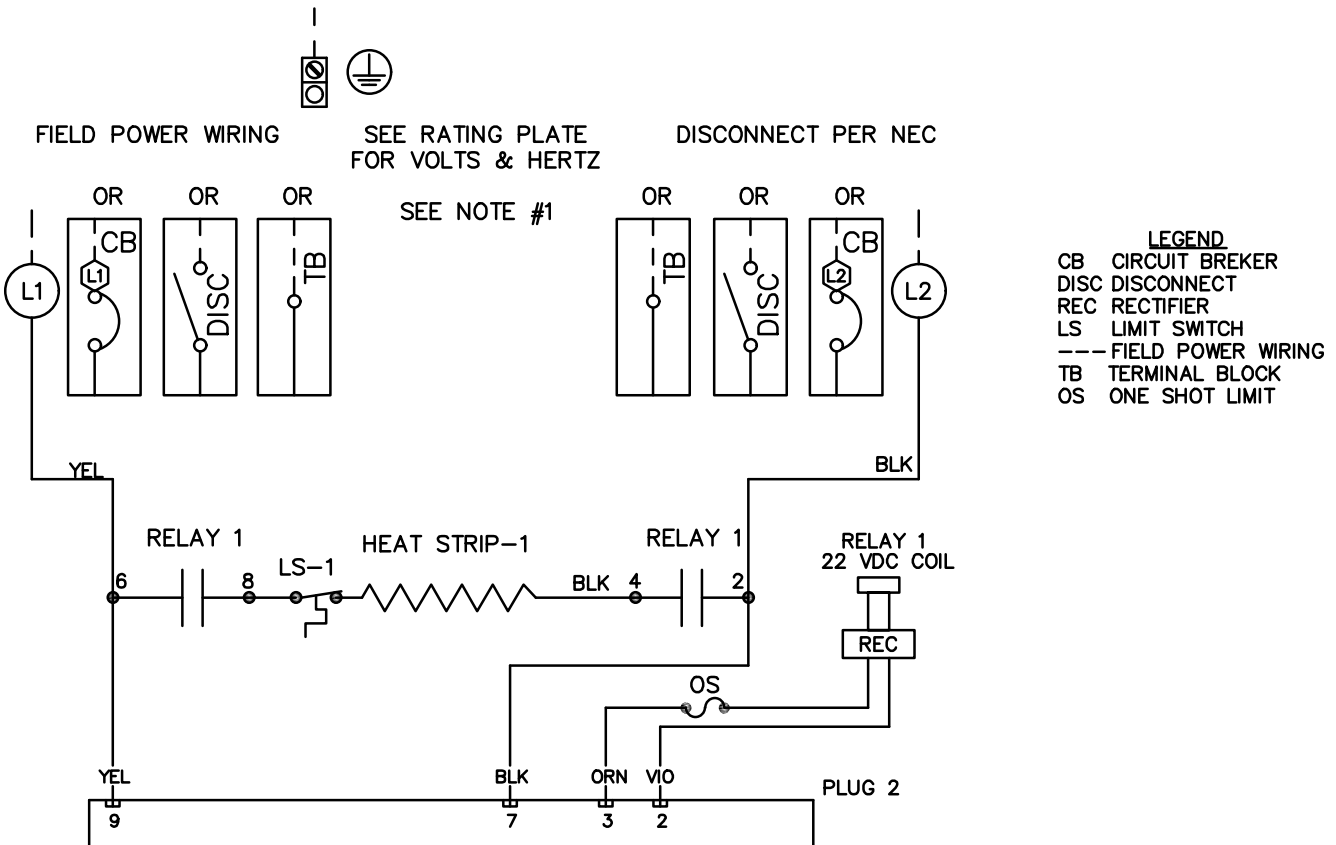


Fig. 9 – Heaters KFFE0401N03 / KFFE0501N05 / KFFE2401C05 (06-24295)

A220450

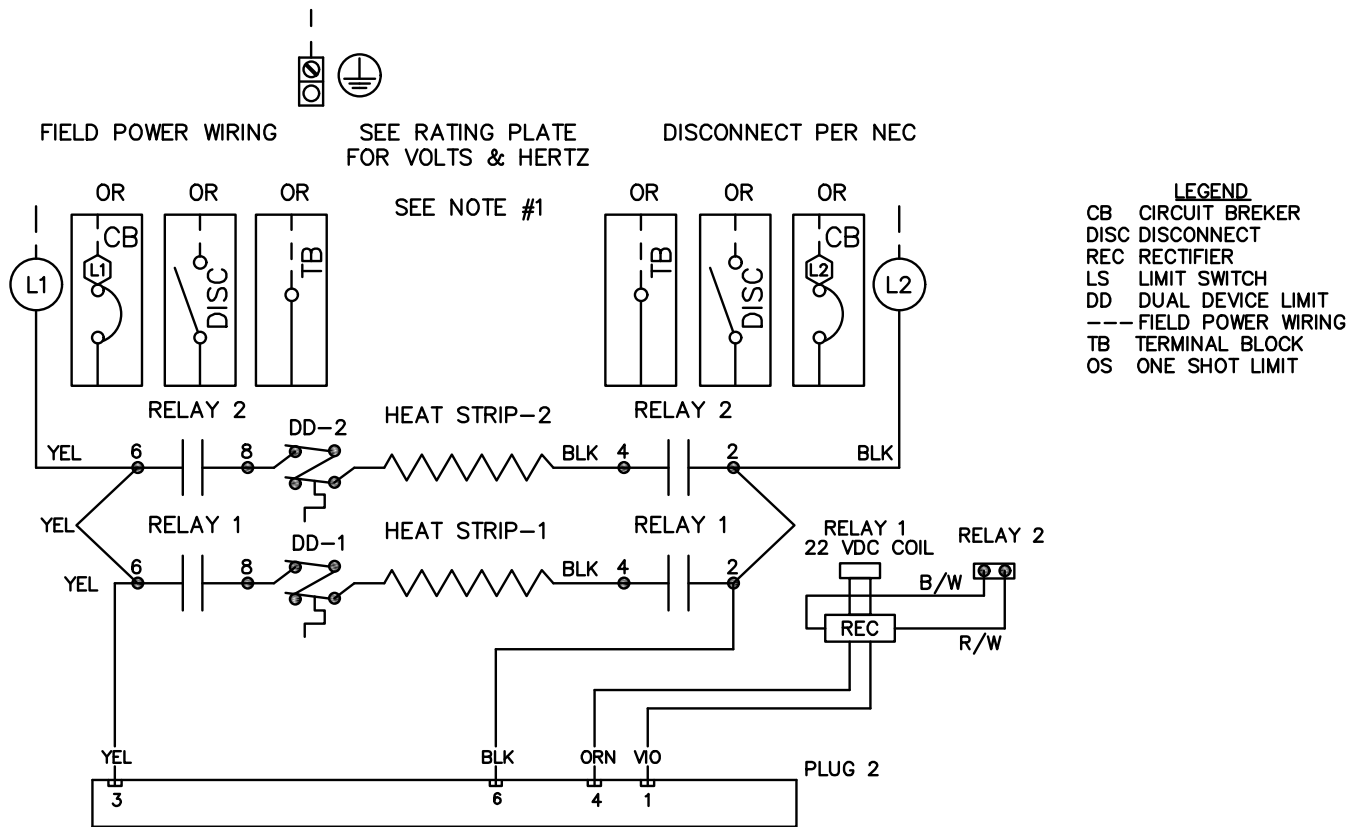


Fig. 10 – Heaters KFFE8501C08 / KFFE8601C10 / KFFE8801N08 / KFFE8901N10 (06-24296)

A240251

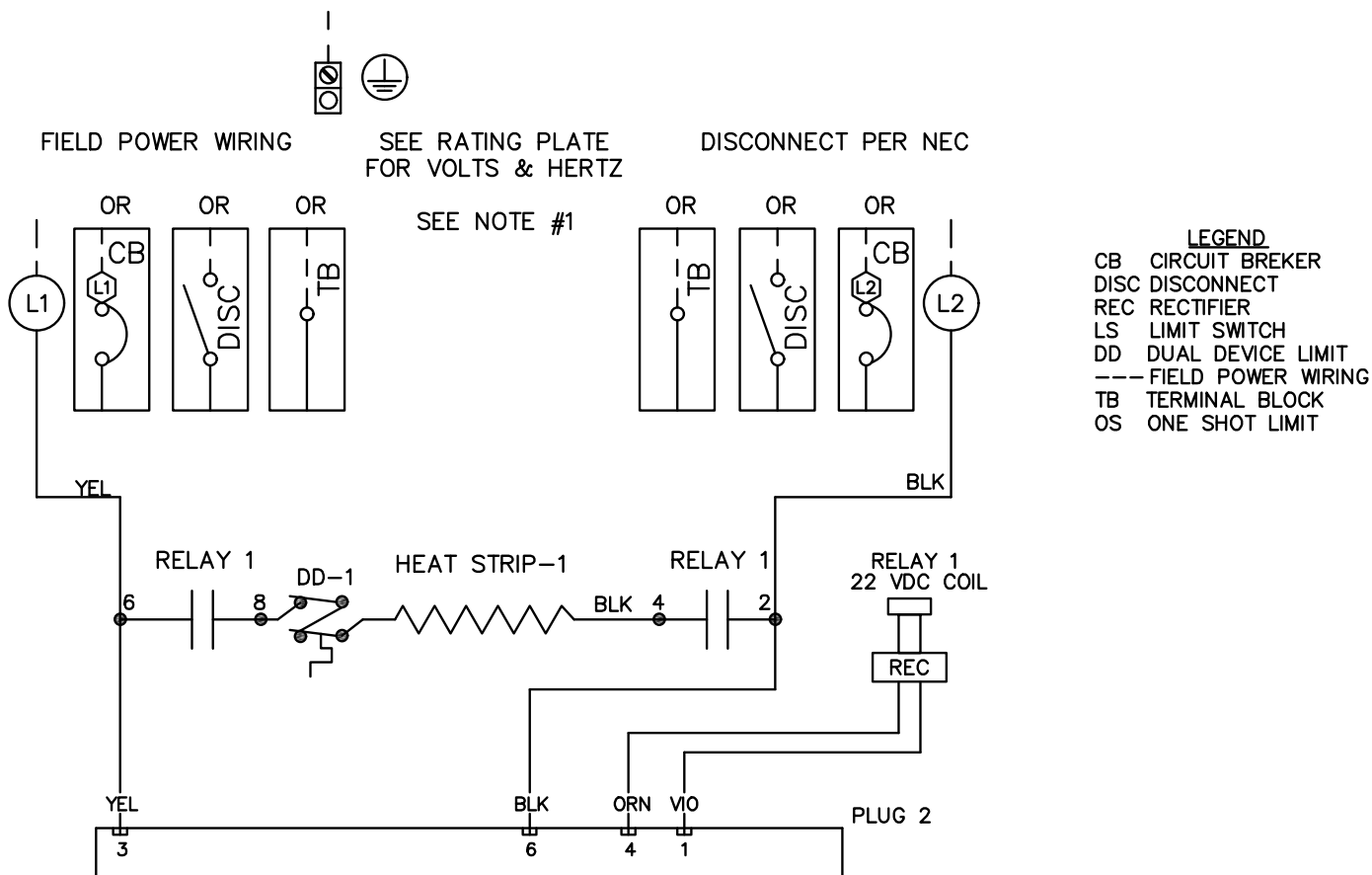


Fig. 11 – Heaters KFFE8401C05 / KFFE8401N03 / KFFE8501N05 (06-24297)

A240252

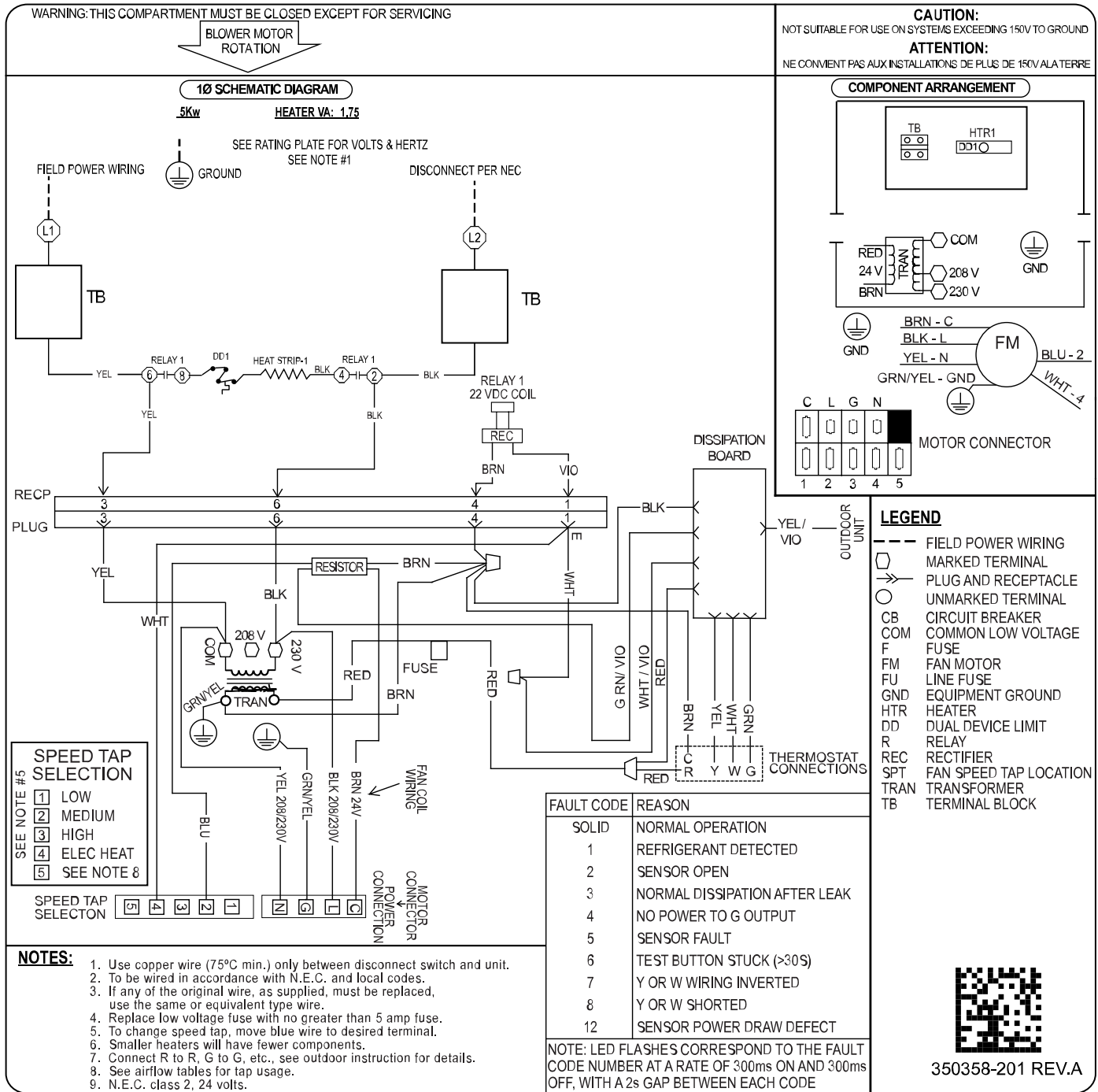


Fig. 12 – FJ5 — 1-1/2 Ton with Cooling Only Control (350358-2)

A250134

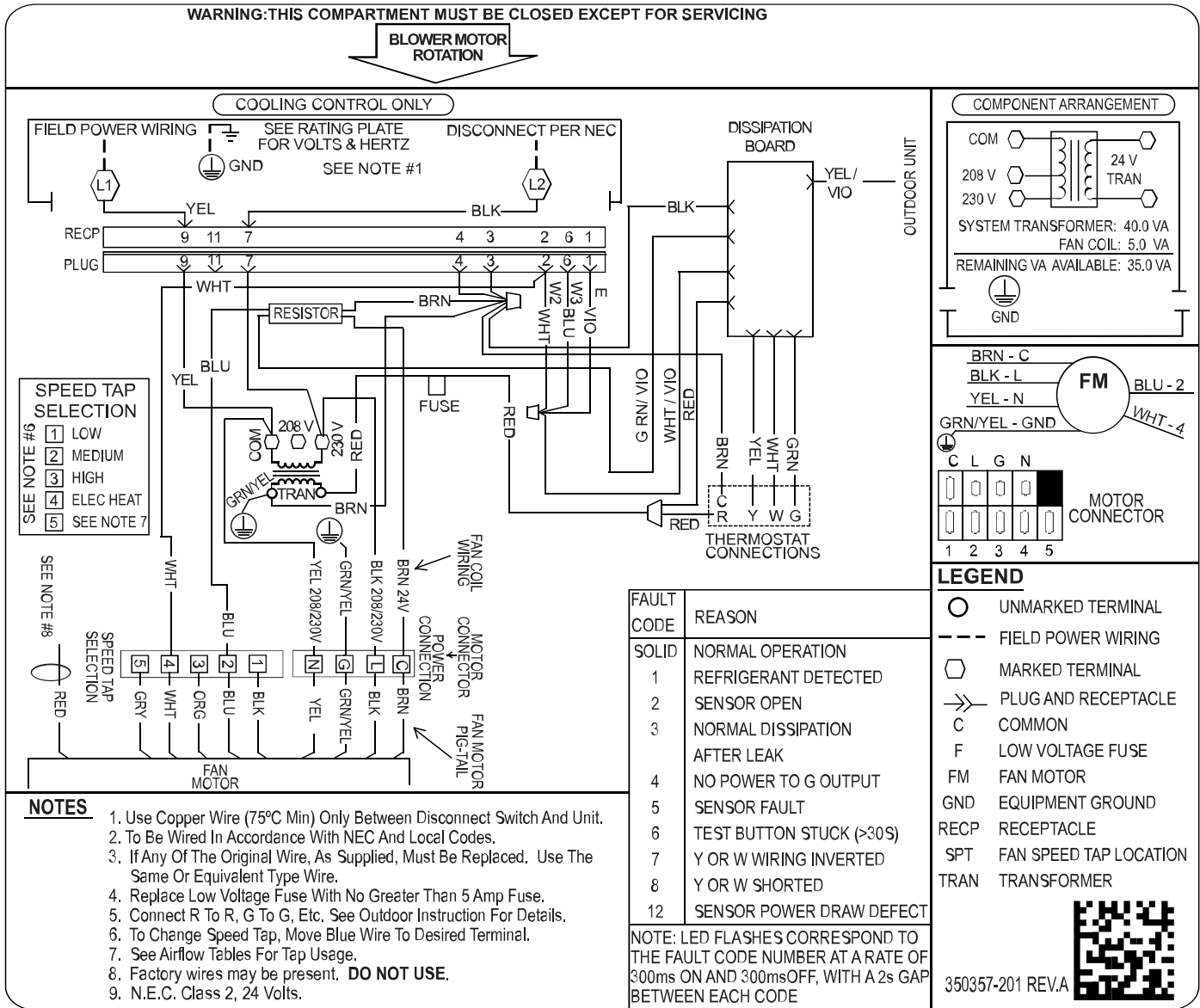


Fig. 13 – FJ5 — 2, 3, & 5 Ton with Cooling Only Control (350357-2)

A250135

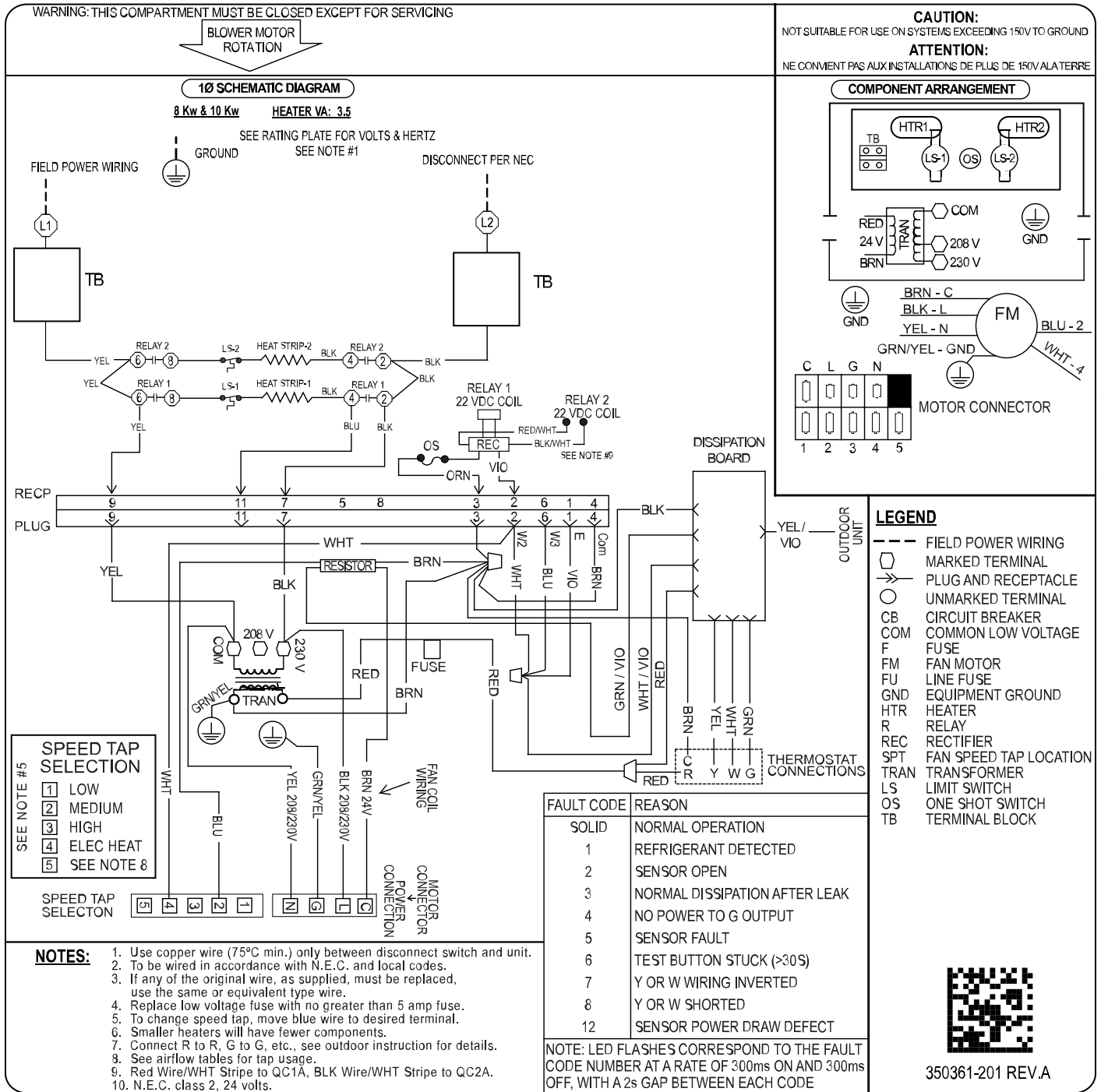


Fig. 14 – FJ5 — 3½ & 4 Ton with Cooling Only Control (350361-2)

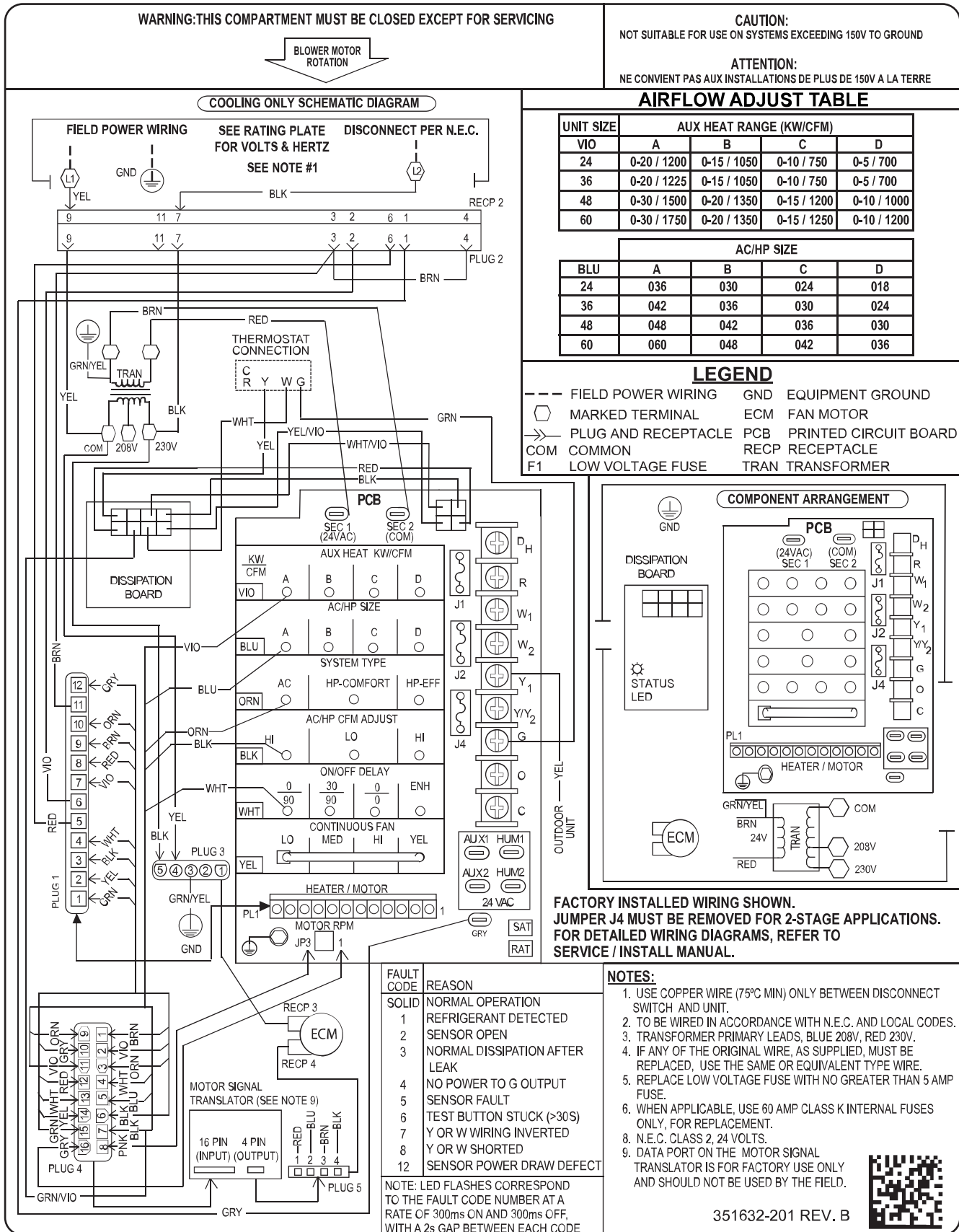


Fig. 15 – FT5 (Minor Series 2) — 2 thru 5 Ton with Cooling Only Control (351632-2)

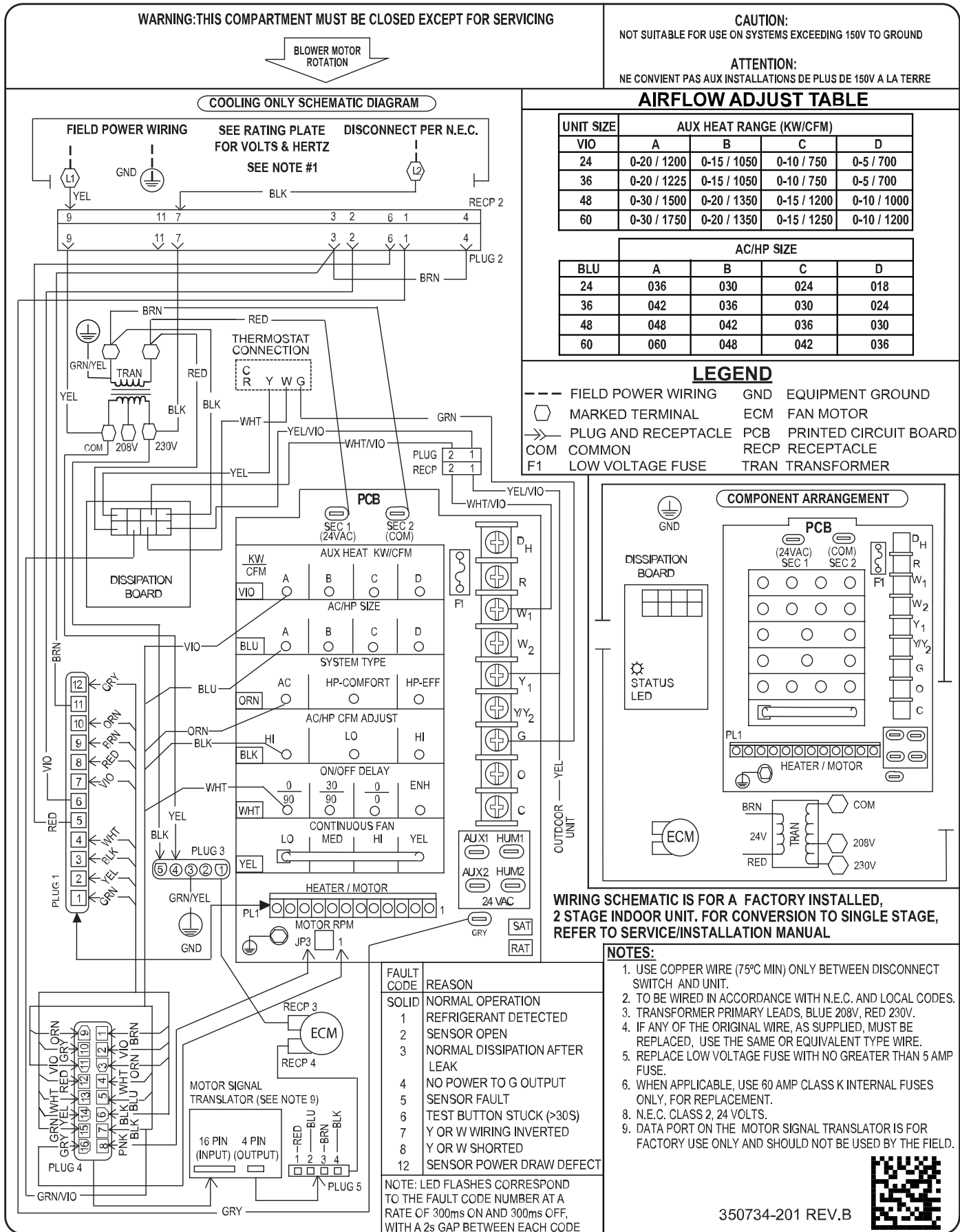


Fig. 16 – FT5 (Minor Series 1) — 2 thru 5 Ton with Cooling Only Control (350734-2)

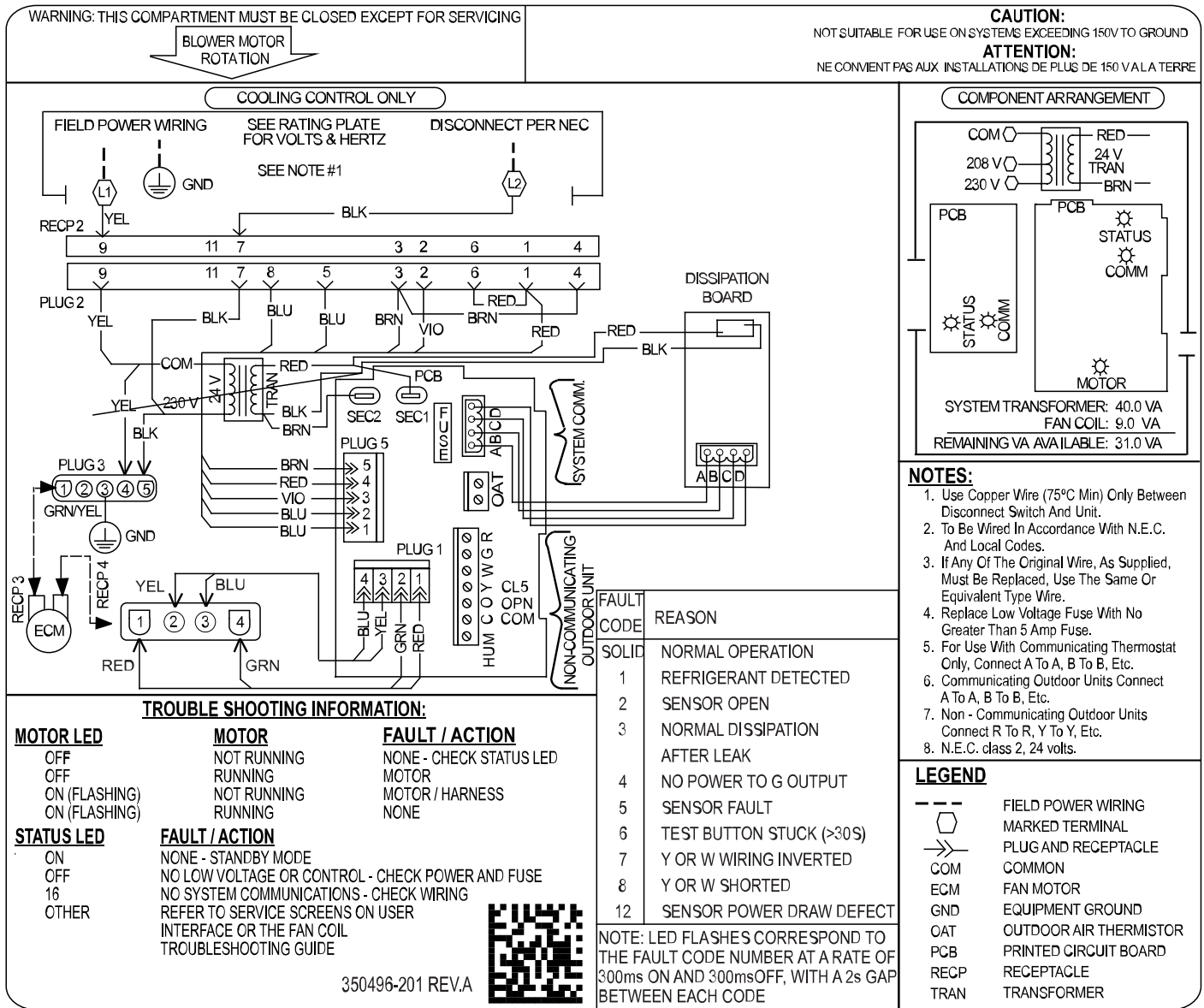


Fig. 17 – FE5— 2 thru 5 Ton with Cooling Only Control (350496-2)

A250139

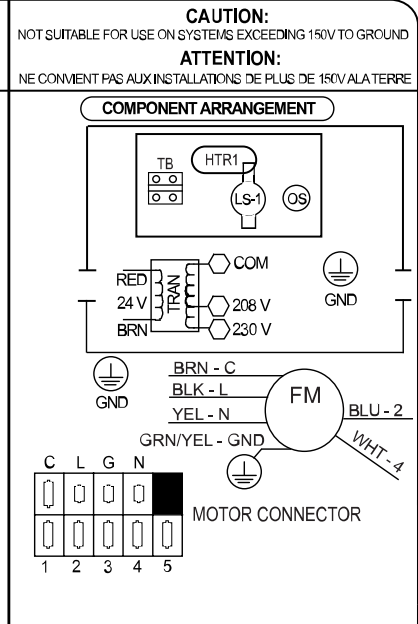
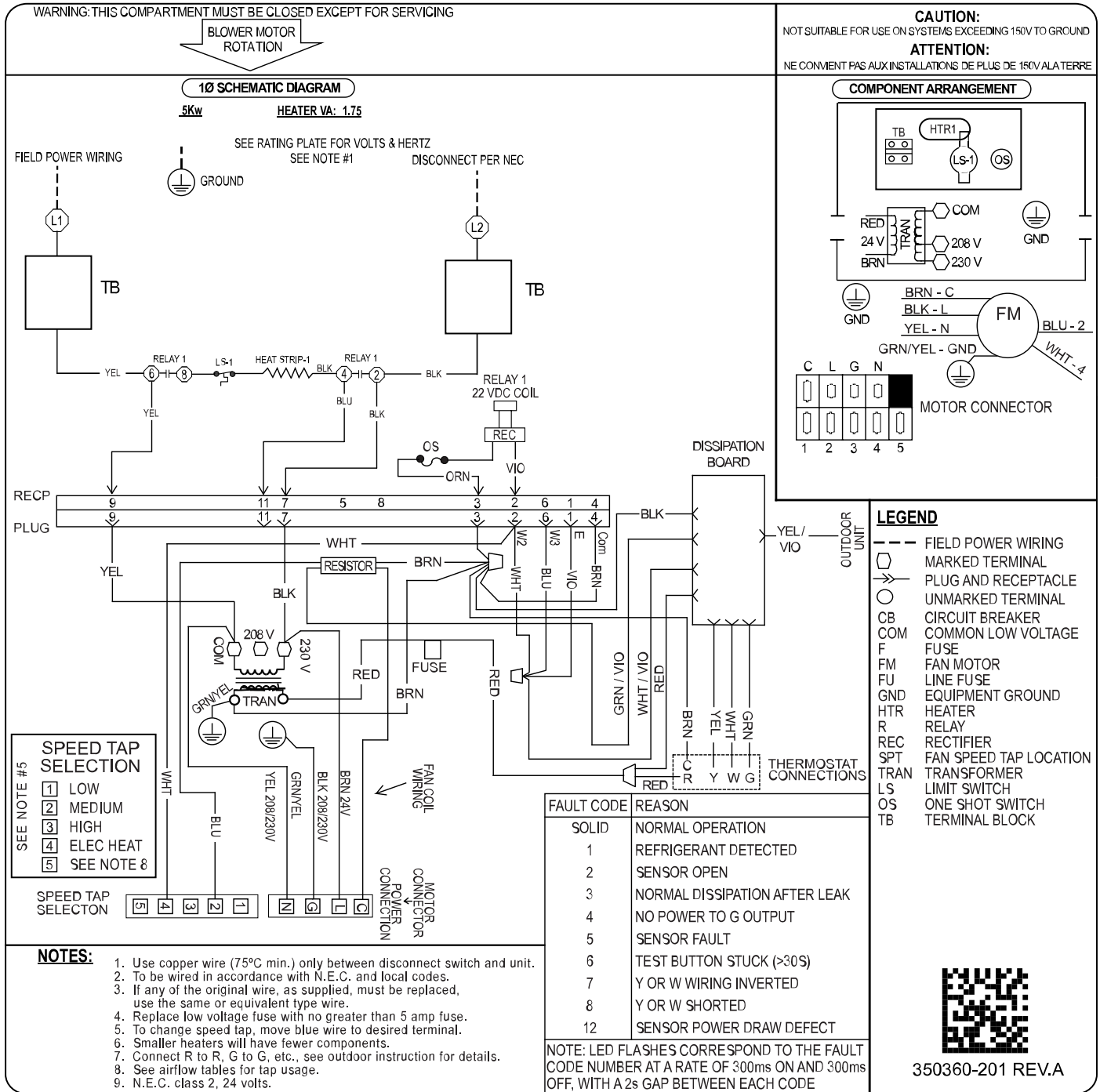


Fig. 18 – FJ5 — 5 kW Non-Fused, 2 Ton with Factory Installed Heater MKFFE0501N05A (350360-2)

A250141

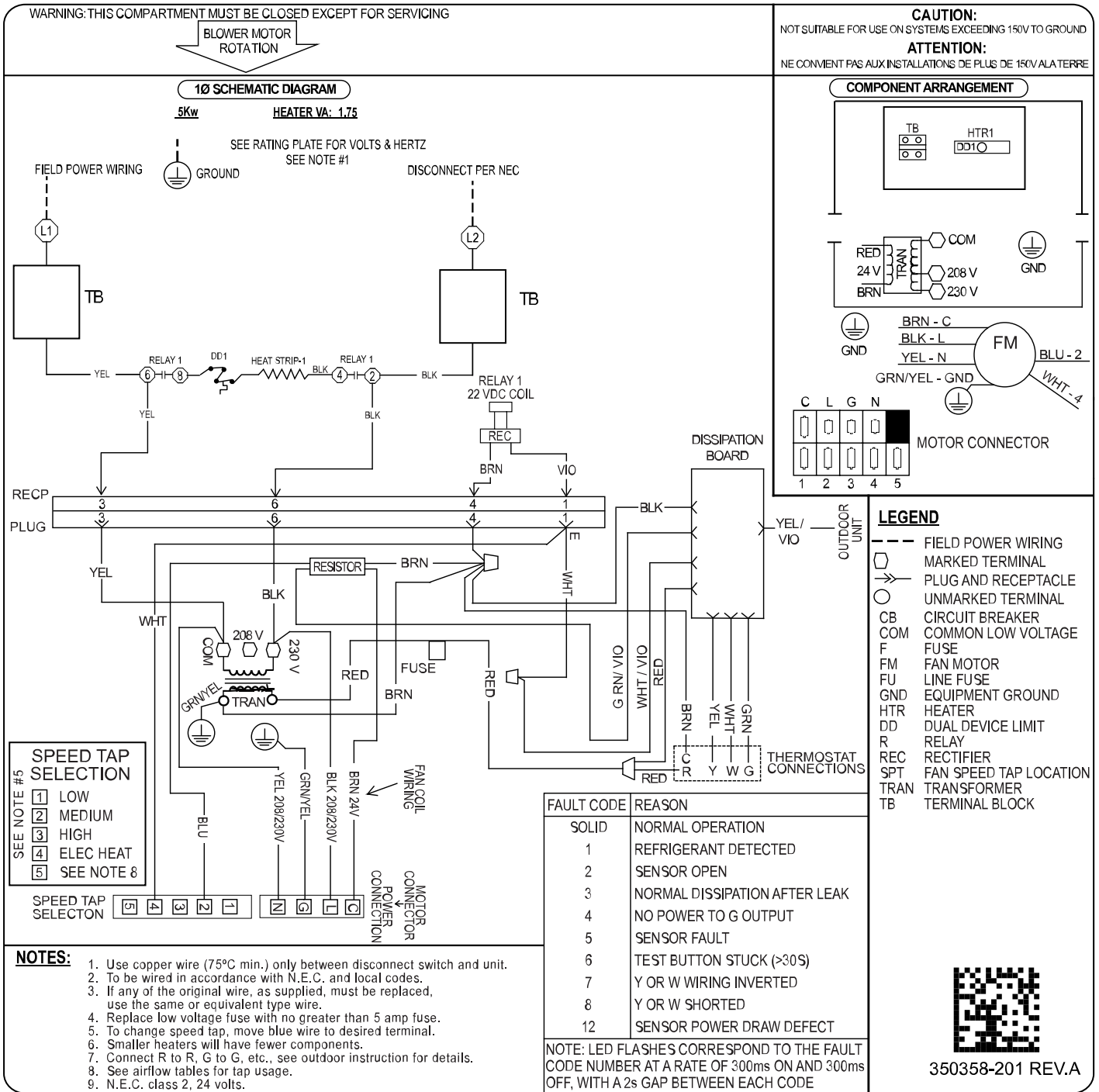


Fig. 19 – FJ5 — 5 kW Non-Fused, 1/2 Ton with Factory Installed Heater MKFFE8501N05A (350358-2)

A250142

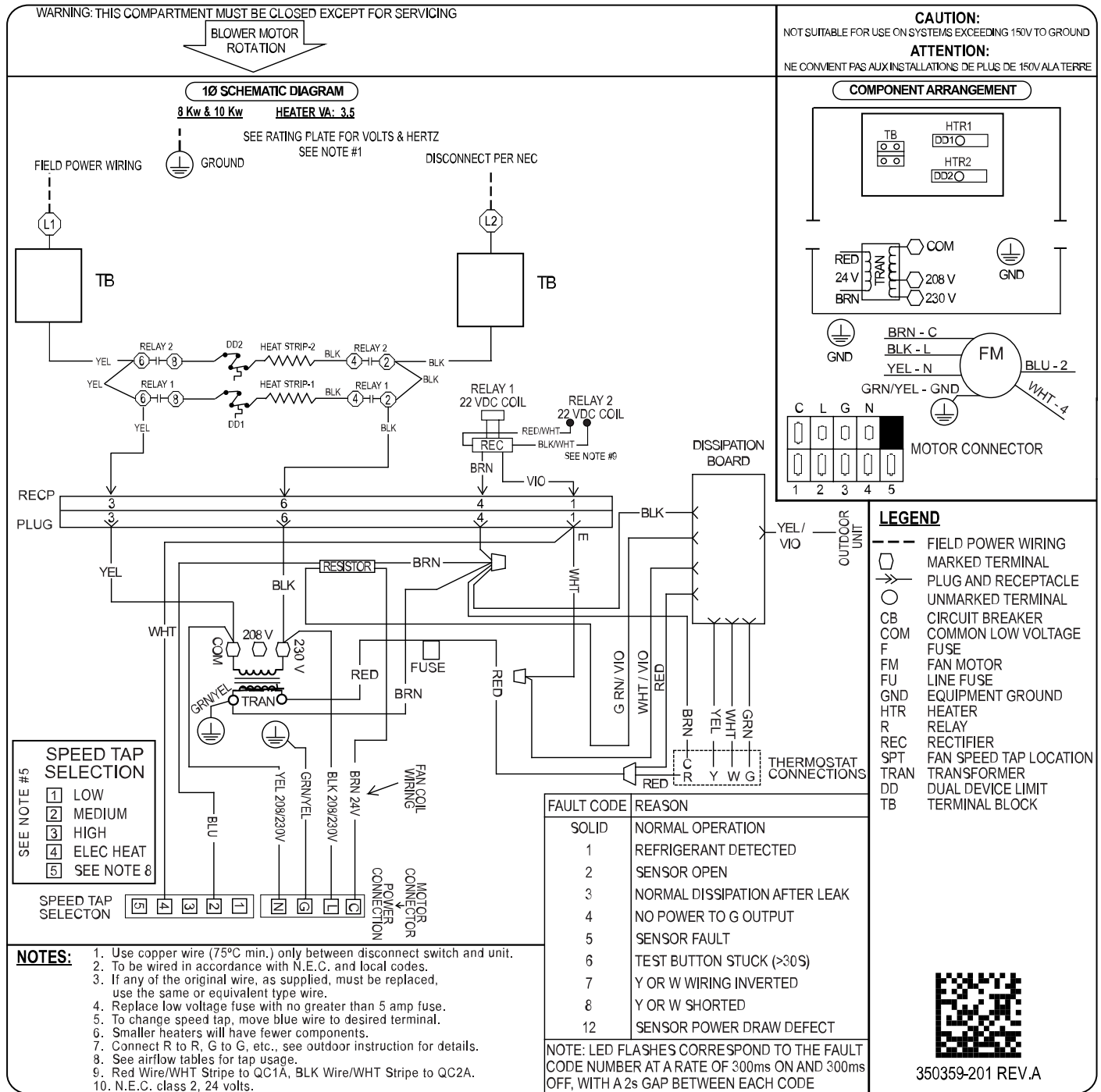


Fig. 21 – FJ5 — 8 kW Non-Fused, 1½ & 2½ Ton with Factory Installed Heater MKFFE8801N08A (350359-2)

A250144

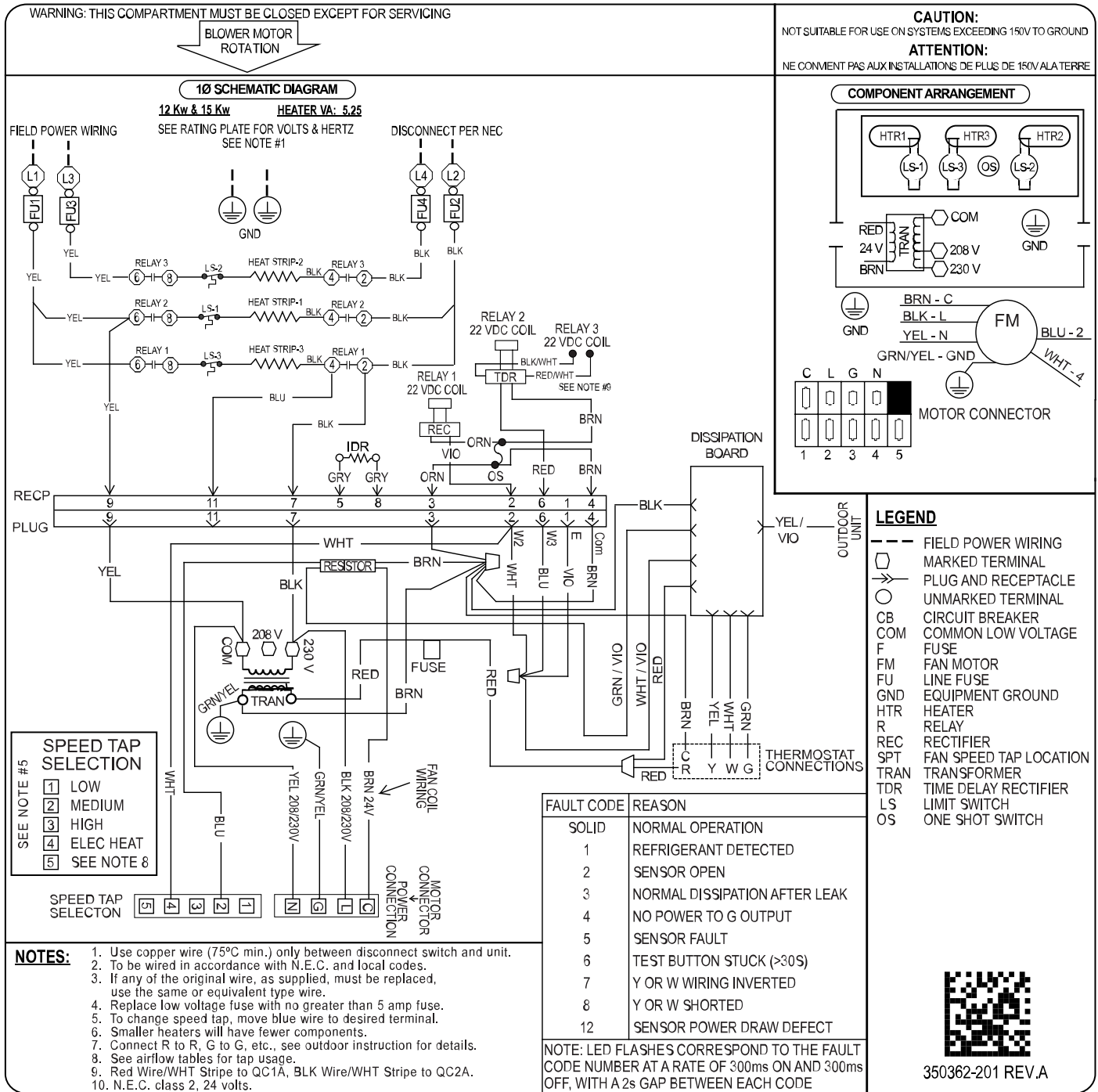


Fig. 22 – FJ5 — 15 kW Fused, 3 & 4 Ton with Factory Installed Heater MKFFE1501F15A (350362-2)

A250145