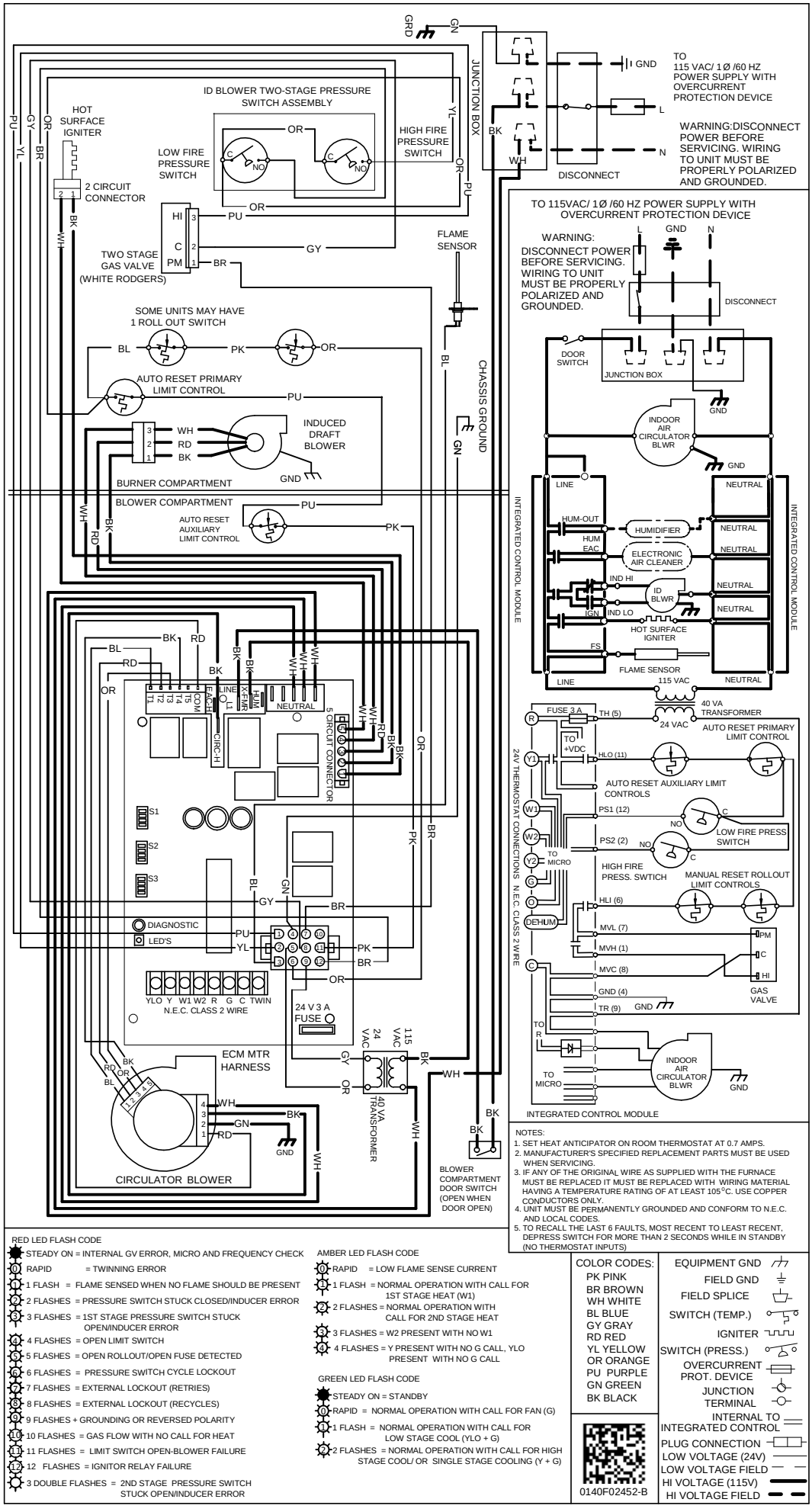

NOTES:
1. SET HEAT ANTICIPATOR ON ROOM THERMOSTAT AT 0.7 AMPS.
2. MANUFACTURER'S SPECIFIED REPLACEMENT PARTS MUST BE USED WHEN SERVICING.
3. IF ANY OF THE ORIGINAL WIRE AS SUPPLIED WITH THE FURNACE MUST BE REPLACED IT MUST BE REPLACED WITH WIRING MATERIAL HAVING A TEMPERATURE RATING OF AT LEAST 105°C. USE COPPER CONDUCTORS ONLY.
4. UNIT MUST BE PERMANENTLY GROUNDED AND CONFORM TO N.E.C. AND LOCAL CODES.
5. TO RECALL THE LAST 6 FAULTS, MOST RECENT TO LEAST RECENT, DEPRESS SWITCH FOR MORE THAN 2 SECONDS WHILE IN STANDBY (NO THERMOSTAT INPUTS)

RED LED FLASH CODE

- STEADY ON = INTERNAL GV ERROR, MICRO AND FREQUENCY CHECK
- 0 RAPID = TWINNING ERROR
- 1 1 FLASH = FLAME SENSED WHEN NO FLAME SHOULD BE PRESENT
- 2 2 FLASHES = PRESSURE SWITCH STUCK CLOSED/INDUCER ERROR
- 3 3 FLASHES = 1ST STAGE PRESSURE SWITCH STUCK OPEN/INDUCER ERROR
- 4 4 FLASHES = OPEN LIMIT SWITCH
- 5 5 FLASHES = OPEN ROLLOUT/OPEN FUSE DETECTED
- 6 6 FLASHES = PRESSURE SWITCH CYCLE LOCKOUT
- 7 7 FLASHES = EXTERNAL LOCKOUT (RETRIES)
- 8 8 FLASHES = EXTERNAL LOCKOUT (RECYCLES)
- 9 9 FLASHES + GROUNDING OR REVERSED POLARITY
- 10 10 FLASHES = GAS FLOW WITH NO CALL FOR HEAT
- 11 11 FLASHES = LIMIT SWITCH OPEN-BLOWER FAILURE
- 12 12 FLASHES = IGNITOR RELAY FAILURE
- 3 DOUBLE FLASHES = 2ND STAGE PRESSURE SWITCH STUCK OPEN/INDUCER ERROR

AMBER LED FLASH CODE

- 0 RAPID = LOW FLAME SENSE CURRENT
- 1 1 FLASH = NORMAL OPERATION WITH CALL FOR 1ST STAGE HEAT (W1)
- 2 2 FLASHES = NORMAL OPERATION WITH CALL FOR 2ND STAGE HEAT
- 3 3 FLASHES = W2 PRESENT WITH NO W1
- 4 4 FLASHES = Y PRESENT WITH NO G CALL, YLO PRESENT WITH NO G CALL

GREEN LED FLASH CODE

- STEADY ON = STANDBY
- 0 RAPID = NORMAL OPERATION WITH CALL FOR FAN (G)
- 1 1 FLASH = NORMAL OPERATION WITH CALL FOR LOW STAGE COOL (YLO + G)
- 2 2 FLASHES = NORMAL OPERATION WITH CALL FOR HIGH STAGE COOL/ OR SINGLE STAGE COOLING (Y + G)

COLOR CODES:
PK PINK
BR BROWN
WH WHITE
BL BLUE
GY GRAY
RD RED
YL YELLOW
OR ORANGE
PU PURPLE
GN GREEN
BK BLACK

EQUIPMENT GND
FIELD GND
FIELD SPLICE
SWITCH (TEMP.)
IGNITER
SWITCH (PRESS.)
OVERCURRENT PROT. DEVICE
JUNCTION TERMINAL
INTERNAL TO INTEGRATED CONTROL
PLUG CONNECTION
LOW VOLTAGE (24V)
LOW VOLTAGE FIELD
HI VOLTAGE (115V)
HI VOLTAGE FIELD

0140F02452-B