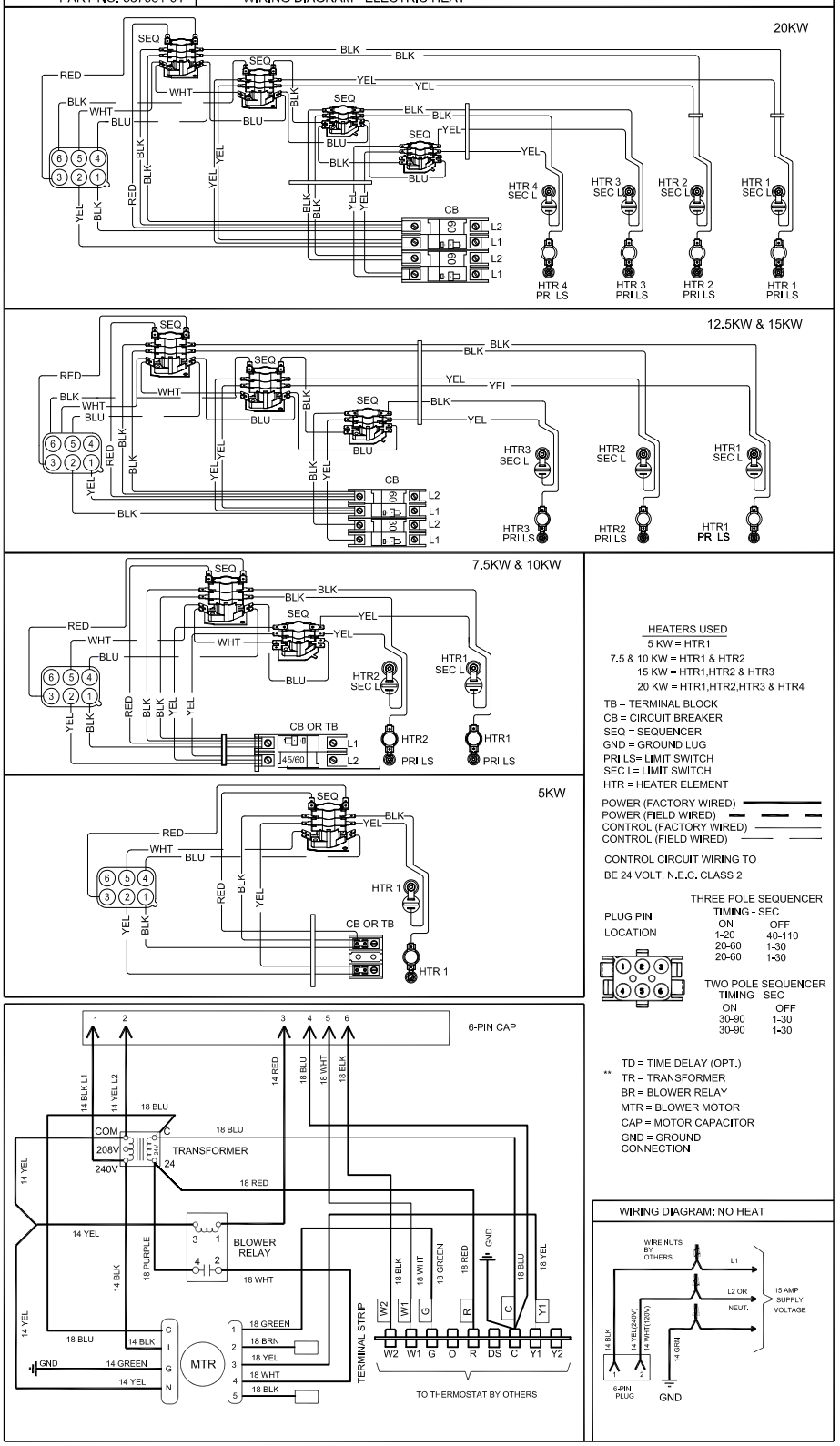
PART NO. 537981-01 | WIRING DIAGRAM - ELECTRIC HEAT



HEATERS USED

5 KW = HTR1

7.5 & 10 KW = HTR1 & HTR2

15 KW = HTR1,HTR2 & HTR3

20 KW = HTR1,HTR2,HTR3 & HTR4

TB = TERMINAL BLOCK
CB = CIRCUIT BREAKER
SEQ = SEQUENCER
GND = GROUND LUG
PRI LS= LIMIT SWITCH
SEC L= LIMIT SWITCH
HTR = HEATER ELEMENT

POWER (FACTORY WIRED)
POWER (FIELD WIRED)
CONTROL (FACTORY WIRED)
CONTROL (FIELD WIRED)

CONTROL CIRCUIT WIRING TO BE 24 VOLT, N.E.C. CLASS 2

PLUG PIN LOCATION

THREE POLE SEQUENCER TIMING - SEC

ON	OFF
1-20	40-110
20-60	1-30
20-60	1-30

TWO POLE SEQUENCER TIMING - SEC

ON	OFF
30-90	1-30
30-90	1-30

** TD = TIME DELAY (OPT.)
TR = TRANSFORMER
BR = BLOWER RELAY
MTR = BLOWER MOTOR
CAP = MOTOR CAPACITOR
GND = GROUND CONNECTION

ELECTRIC HEAT

CONSTANT TORQUE LABEL WIRING DIAGRAM

Supersedes

Form No. 537981-01

0518

Litho U.S.A.

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