

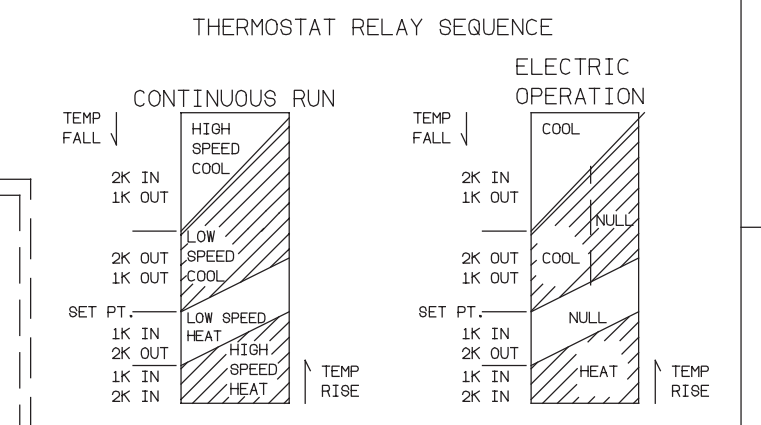
LEGEND	AREA
A	AMMETER (OPTIONAL) 10
AS	AIR SWITCH 43
ATS	AMBIENT TEMP SWITCH (OPT) 39
CB1,2	CIRCUIT BREAKER 10,10
C1-2	CAPACITOR 11,17
DR1-2	DEFROST RELAY 38,49
DS	DAMPER SOLENOID 49
D1-19(R)	DIODES (R - REMOTE) 7,15
	15,16,17,18,21
	29,29,31,32,34,39,
	40,48,49,57
ER	ELECTRIC RELAY 19,29
ERR	ENGINE RESET RELAY 30,35
ETS	ELECTRONIC DEFROST TERMINATION THERMOSTAT 43
FLW	FUSE LINK WIRE (14 GAUGE) 10
FP	FUEL PUMP 22
FPR	FUEL PUMP RELAY 5,23
FS	FUEL SOLENOID 18
FSR	FUEL SOLENOID RELAY 18,19
FSRT	FUEL SOLENOID RELAY TIMER 19
GP	GLOW PLUGS 4
HC	HEATER CONTACTOR (OPTIONAL) 38,63
HIT	HEAT INITIATION TIMER 39
HMD	HOURLY METER - DIESEL 20
HME	HOURLY METER - ELECTRIC (OPT) 26
HMT	HOURLY METER - TOTAL UNIT HOURS (OPTIONAL) 56
HPCO	HIGH PRESSURE CUTOFF SWITCH 21
HS	HEAT SOLENOID 39
HTK	HIGH TEMPERATURE CUTOFF SWITCH 38
HTS	HIGH TEMPERATURE SENSOR (EEC ONLY) 37
HWT	HIGH WATER TEMPERATURE SWITCH 28
LOP	LOW OIL PRESSURE SWITCH - ENGINE 27
LPCO	LOW PRESSURE CUTOFF SWITCH 20
MC1,2	MOTOR CONTACTOR 26,27,28,60
OL	OVERLOAD RELAY 26,60
OR	ON RELAY (OPTIONAL) 11,12
PHR	PREHEAT RELAY (OPTIONAL) 5,13
PHS	PHASE SELECTOR (OPTIONAL) 58
PL	PILOT LIGHTS (R - REMOTE) (RED) 9 (YELLOW) 15 (WHITE) 31 (RED) 32,57 (BLUE) 33 (AMBER) 39 (YELLOW) 51 (TAN) 58
PR1,2	PHASE RELAY (OPTIONAL) 27,28,57,58
PS	PILOT SOLENOID 40
R1-11(R)	RESISTORS (R - REMOTE) 9, 47,47,51,57 58
SDM	SHUT DOWN MODULE (OPTIONAL) 20,56
SDR	SHUT DOWN RELAY (OPTIONAL) 9
SM	STARTER MOTOR 6,14
SR	STARTER RELAY (OPTIONAL) 8
SS	STARTER SOLENOID 10,29
SWR	SAFETY SWITCH RELAY SWITCHES (R - REMOTE) 3,8,14 10,12 20,27,29,32 42,43
S	7R - ON/OFF SW. RECPT. BOX 10
TCM	TEMPERATURE CONTROL MODULE 45
1K	THERMOSTAT RELAY HEAT/COOL 29,45
2K	THERMOSTAT RELAY HIGH SPEED 32,46
TS	THROTTLE SOLENOID 32
UR	UNLOADING RELAY (OPTIONAL) 16,17
UT	UNLOADING TIMER (OPTIONAL) 17
VR	VOLTAGE REGULATOR 16
(RELAYS SHOWN IN LOW SPEED COOL - POWER OFF)	

**THERMO KING CORPORATION**  
 CORPORATION  
 MINNEAPOLIS, MINNESOTA, USA  
 (630)7123 MD, KD, RD, TD  
 (630)6769 6D21 (630)6432 (4D)  
 DRAWING NUMBER  
**5D35225**

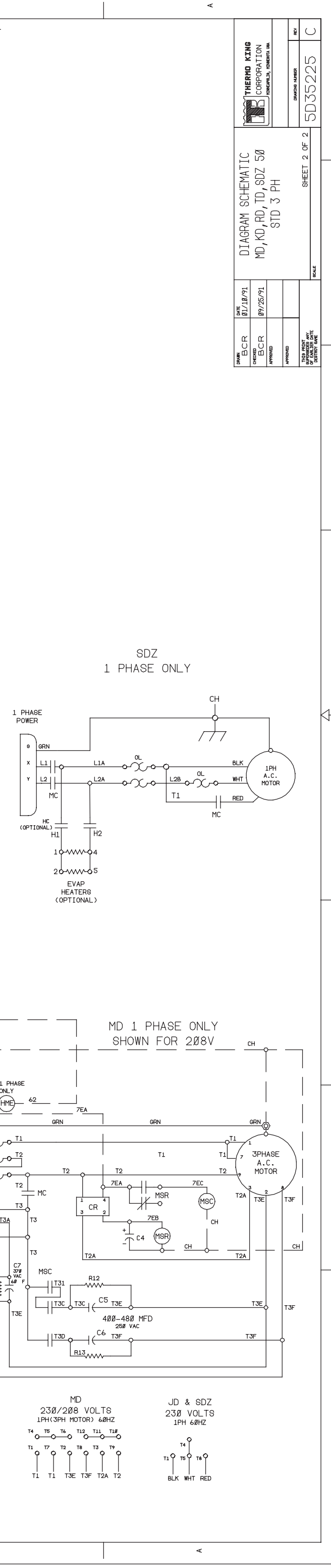
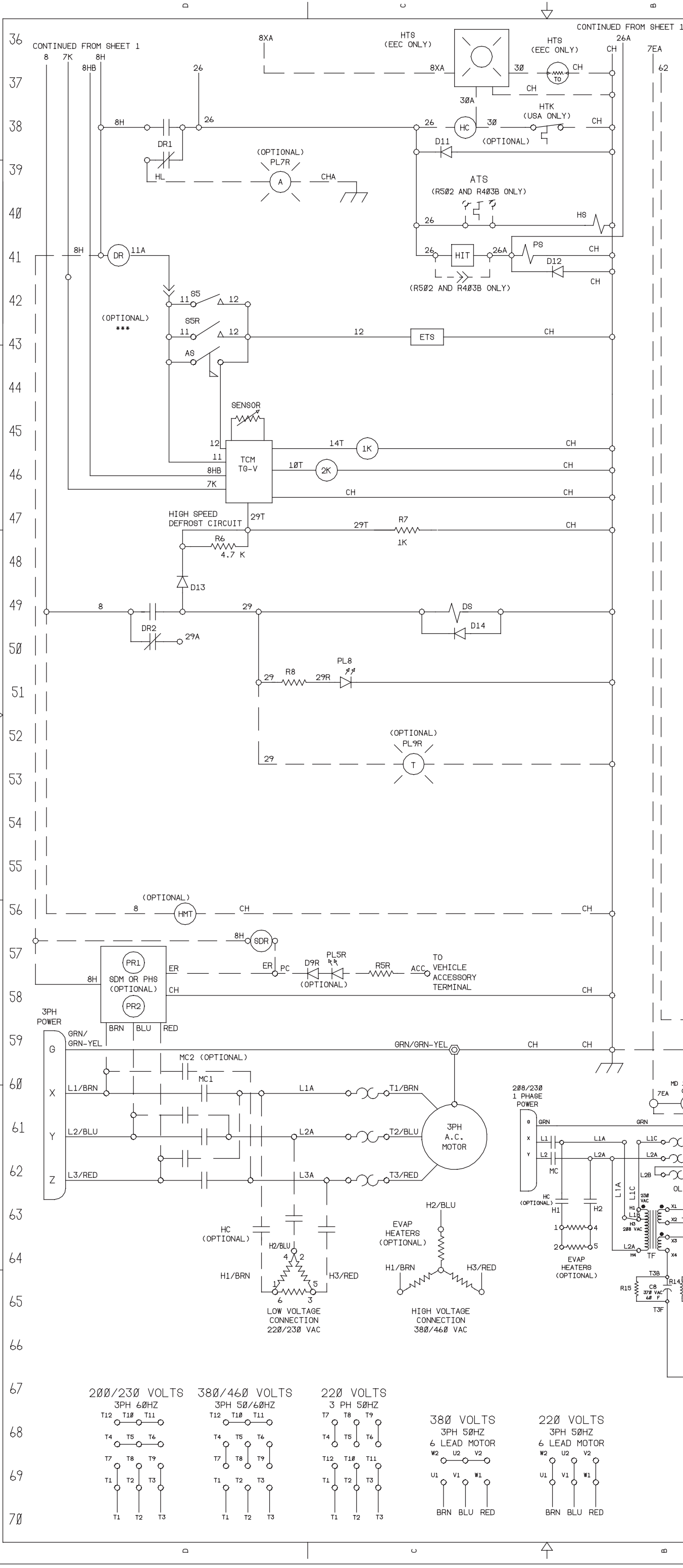
**DIAGRAM SCHEMATIC**  
 MD, KD, RD, TD, SDZ 50  
 STD 3 PH  
 SHEET 1 OF 2

DATE	BY	CHKD	APP'D	THIS DRAWING IS THE PROPERTY OF THERMO KING. IT IS TO BE USED ONLY FOR THE PROJECT AND DATE SPECIFIED HEREIN.
01/10/91	BCR	BCR	JW	
07/25/91	BCR	BCR	JW	
3/6/92	JW	JW	JW	

REVISIONS			
49452	9/25/91	BCR	A
RELEASED			
70037	3/24/92	NO	TTB B
ADDED "JD" & CIRCUITRY			
63364	3/16/94	MN	C
ADDED AT8, FSRT, LPCO, DISR, D16R AND JUMPER TO HIT. DELETED BZ CB3, CSM S&R, DR2, D17, D18, FM, FR, FW, LSD, PF, PL1R, PL2R, PL8R, R9R, PL10R, PL11R, PT, RET, RR, R8R, RL0R, RL1R, SSDT, WR, BOSCH ALT. AND THE WORD PRESTOLITE. DR2 WAS DR3			



\* USED WITHOUT REMOTE BODY BOX  
 \*\*\* USED WITH REMOTE BODY BOX



DATE	01/10/91
DESIGNED	BCR
CHECKED	BCR
APPROVED	
DATE	09/25/91
DESIGNED	
CHECKED	
APPROVED	
DATE	
DESIGNED	
CHECKED	
APPROVED	

DIAGRAM SCHEMATIC  
 MD, KD, RD, TD, SDZ 50  
 STD 3 PH

THIERMO KING CORPORATION  
 INDEPENDENCE, INDIANA, USA

SHEET 2 OF 2

DRAWING NUMBER  
 5D35225

SCALE

REV C