

! ATTENTION - VERY IMPORTANT ! - VERIFY CIRCUIT BOARD PART NUMBER AND JUMPER POSITION SETTINGS (JB1, JB2, JB3) PER MACHINE MODEL AND SERIAL NUMBER AS INDICATED IN TABLE BELOW. IMPROPER JUMPER SETTINGS MAY CAUSE ERRATIC OPERATION.

MODEL	SERIAL NUMBER	BOARD PART NUMBER	JUMPER SETTINGS		
			JB1	JB2	JB3
DH5000T	N/A	114470	OPEN	CLOSED	OPEN

1CR	DOOR SWITCH RELAY
2CR	RINSE AID RELAY
3CR	DRAIN VALVE RELAY
1M	WASH MOTOR CONTACTOR
AS	ARC SUPPRESSOR
BC	BOOSTER TANK CONTACTOR
CLT	CYCLE LIGHT TIMER
DSS	DOOR SAFETY SWITCH
DT	DRAIN TIMER
DTV	DRAIN TEMPERING VALVE
DV	DRAIN VALVE
F1	TIMER BOARD FUSE
FC	FAN CONTACTOR
FSW	FLOAT SWITCH
FT	FAN TIMER
FU	FUSE
HC	TANK HEAT CONTACTOR
HLTS	HIGH LIMIT THERMOSTAT
JB1,2,3	CYCLE SELECT JUMPER
LR	LATCH RELAY
LT1	CYCLE LIGHT
PCB	POWER CIRCUIT BREAKER
RWV	RINSE WATER VALVE
T2	DRAIN TEMPERING TIMER
TR	TIMER RELAY
TSB	BOOSTER TANK THERMOSTAT
TSW	WASH TANK THERMOSTAT
TSB	BOOSTER TANK THERMOSTAT
TSW	WASH TANK THERMOSTAT

CUSTOMER TO SUPPLY RATED VOLTAGE/PHASE/Hz AS SPECIFIED FOR ORDER TO DISCONNECT SWITCH. ALL POWER SUPPLIED TO EACH CONNECTION POINT MUST COMPLY WITH ALL LOCAL ELECTRIC CODES.

DR. BY J. MCALLISTER SCALE NONE
 DATE 07FEB14 SHEET 1 OF 1

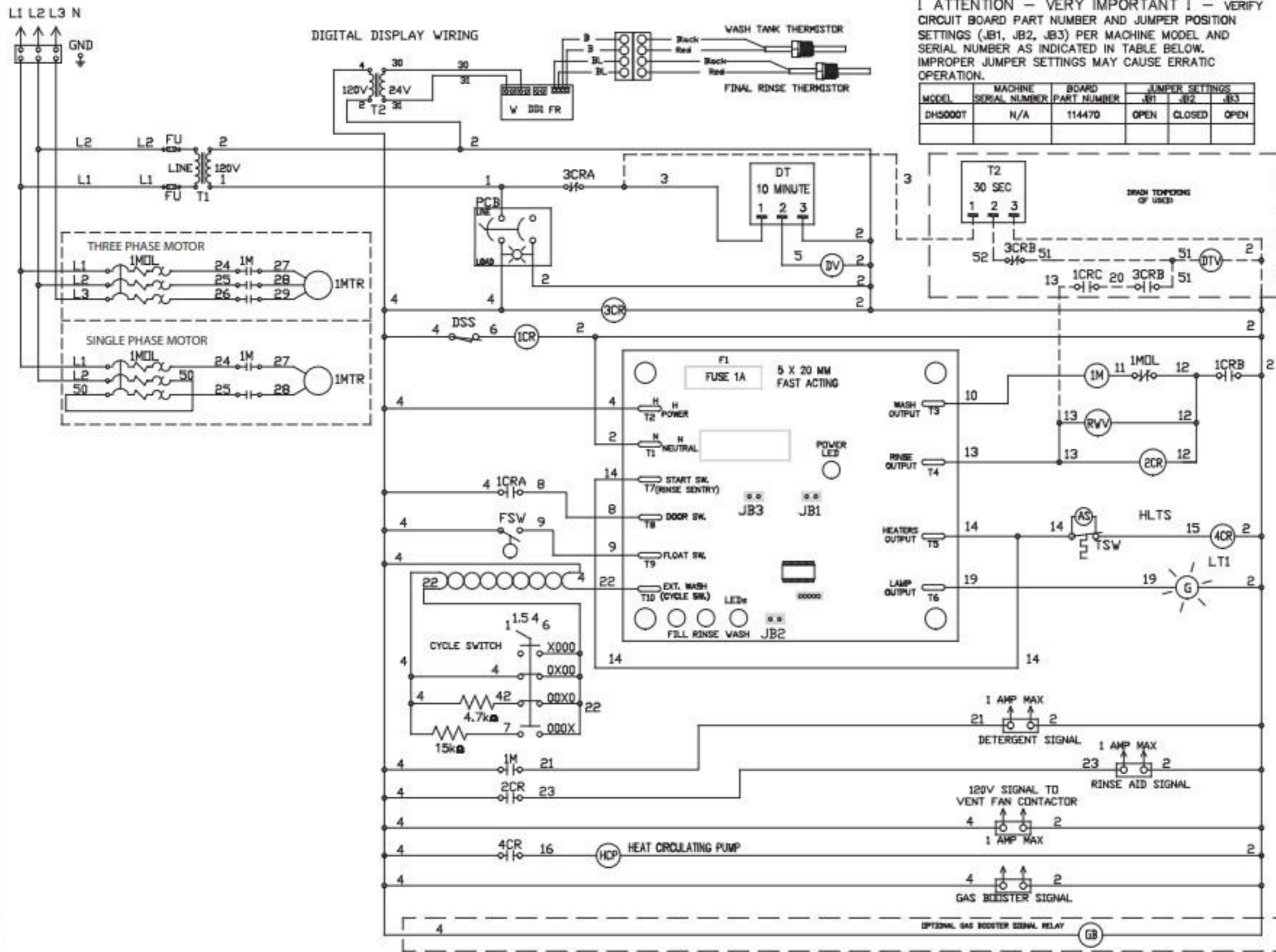
REV.	DESCRIPTION	DATE	BY
A	CHANGED DRAWING TITLE TO SHOW VENTILATION OPTIONS	03OCT12	JAM
B	ADDED 1CRB CONTACT TO DRAIN TEMPERING CIRCUIT	04APR13	JAM
B	CHANGED DOOR LATCH TO 120VAC	15SEP14	JAM

REV.	DESCRIPTION	DATE	BY

Champlon
 The Dishwashing Machine Specialists

IDH5000T - TALL DOOR MACHINE 50/60HZ
 1 & 3 PHASE WITH VENTILATION OPTIONS/DOOR LATCH
 B 702743-5 REV. C





! ATTENTION - VERY IMPORTANT ! - VERIFY CIRCUIT BOARD PART NUMBER AND JUMPER POSITION SETTINGS (JB1, JB2, JB3) PER MACHINE MODEL AND SERIAL NUMBER AS INDICATED IN TABLE BELOW. IMPROPER JUMPER SETTINGS MAY CAUSE ERRATIC OPERATION.

MODEL	SERIAL NUMBER	BOARD PART NUMBER	JUMPER SETTINGS		
			JB1	JB2	JB3
DH5000T	N/A	114470	OPEN	CLOSED	OPEN

1CR	DOOR SWITCH RELAY
2CR	RINSE AID RELAY
3CR	DRAIN VALVE RELAY
4CR	WASH HEAT RELAY
1M	WASH MOTOR CONTACTOR
AS	ARC SUPPRESSOR
BC	BOOSTER TANK CONTACTOR
DSS	DOOR SAFETY SWITCH
DT	DRAIN TIMER
DTV	DRAIN TEMPERING VALVE
DV	DRAIN VALVE
F1	TIMER BOARD FUSE
FSW	FLOAT SWITCH
FU	FUSE
GB	GAS BOOSTER RELAY
HCP	HEAT CIRCULATING PUMP
JB1	RINSE TIME SELECT JUMPER
JB2	CYCLE SELECT JUMPER
JB3	CYCLE SELECT JUMPER
LT1	CYCLE LIGHT
PCB	POWER CIRCUIT BREAKER
RWV	RINSE WATER VALVE
T2	DRAIN TEMPERING TIMER
TSB	BOOSTER TANK THERMOSTAT
TSW	WASH TANK THERMOSTAT

- TO TEST INPUTS T7, T8, AND T9 A METER CAPABLE OF READING DC VOLTAGES MUST BE USED.
- 1.) SET METER TO READ DC VOLTAGE
 - 2.) PLACE BLACK LEAD TO T2
 - 3.) PLACE RED LEAD TO TERMINAL BEING TESTED
i.e. PLACE RED LEAD TO T8 TO TEST DOOR SW.
 - 4.) AN OPEN SWITCH WILL READ 4.7-5.3VDC
A CLOSED SWITCH WILL READ 0-1VDC

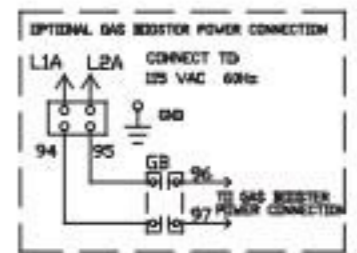
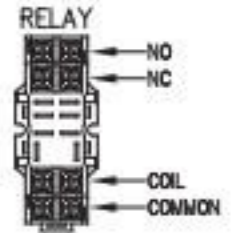


DIAGRAM STATE
POWER OFF
DOORS CLOSED
TANKS EMPTY
END OF CYCLE



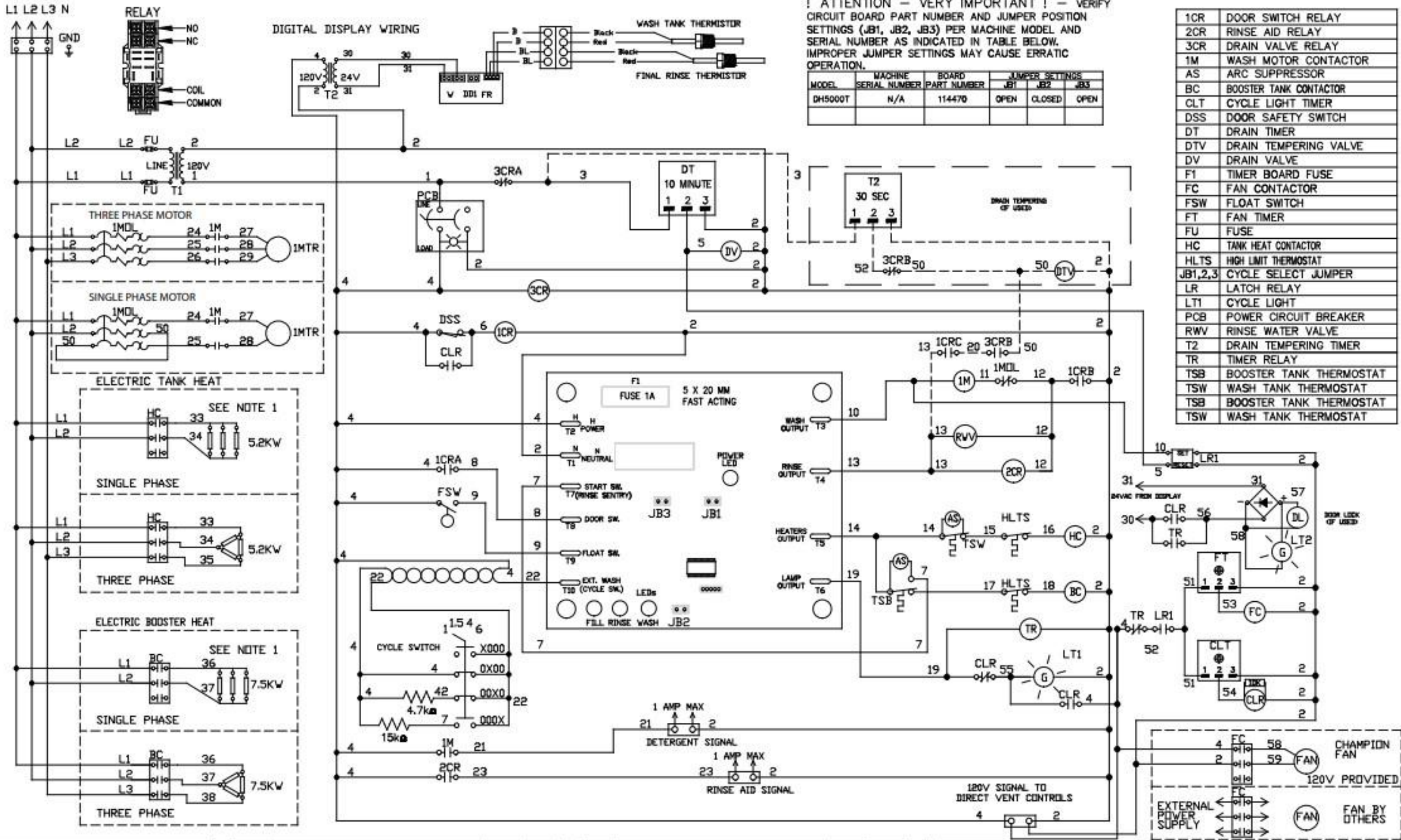
DR. BY	J. McALLISTER	SCALE	NONE
DATE	11JAN13	SHEET	1 OF 1

REV.	DESCRIPTION	DATE	BY
A	CHANGED 1CR TO THREE POLE RELAY	25FEB13	JAM

REV.	DESCRIPTION	DATE	BY

Champlon
The Dishwashing Machine Specialists

DH5000T - TALL HOOD DOOR MACHINE - HOT WATER HEAT	
B	702743-1
REV.	A



! ATTENTION - VERY IMPORTANT ! - VERIFY CIRCUIT BOARD PART NUMBER AND JUMPER SETTINGS (JB1, JB2, JB3) PER MACHINE MODEL AND SERIAL NUMBER AS INDICATED IN TABLE BELOW. IMPROPER JUMPER SETTINGS MAY CAUSE ERRATIC OPERATION.

MODEL	MACHINE SERIAL NUMBER	BOARD PART NUMBER	JUMPER SETTINGS		
			JB1	JB2	JB3
DH5000T	N/A	114470	OPEN	CLOSED	OPEN

1CR	DOOR SWITCH RELAY
2CR	RINSE AID RELAY
3CR	DRAIN VALVE RELAY
1M	WASH MOTOR CONTACTOR
AS	ARC SUPPRESSOR
BC	BOOSTER TANK CONTACTOR
CLT	CYCLE LIGHT TIMER
DSS	DOOR SAFETY SWITCH
DT	DRAIN TIMER
DTV	DRAIN TEMPERING VALVE
DV	DRAIN VALVE
F1	TIMER BOARD FUSE
FC	FAN CONTACTOR
FSW	FLOAT SWITCH
FT	FAN TIMER
FU	FUSE
HC	TANK HEAT CONTACTOR
HLTS	HIGH LIMIT THERMOSTAT
JB1,2,3	CYCLE SELECT JUMPER
LR	LATCH RELAY
LT1	CYCLE LIGHT
PCB	POWER CIRCUIT BREAKER
RWV	RINSE WATER VALVE
T2	DRAIN TEMPERING TIMER
TR	TIMER RELAY
TSB	BOOSTER TANK THERMOSTAT
TSW	WASH TANK THERMOSTAT
TSW	BOOSTER TANK THERMOSTAT
TSW	WASH TANK THERMOSTAT

CUSTOMER TO SUPPLY RATED VOLTAGE/PHASE/Hz AS SPECIFIED PER ORDER TO DISCONNECT SWITCH. ALL POWER SUPPLIED TO EACH CONNECTION POINT MUST COMPLY WITH ALL LOCAL ELECTRIC CODES.

DR. BY J. MCALLISTER SCALE NONE
 DATE 04/05/12 SHEET 1 OF 1

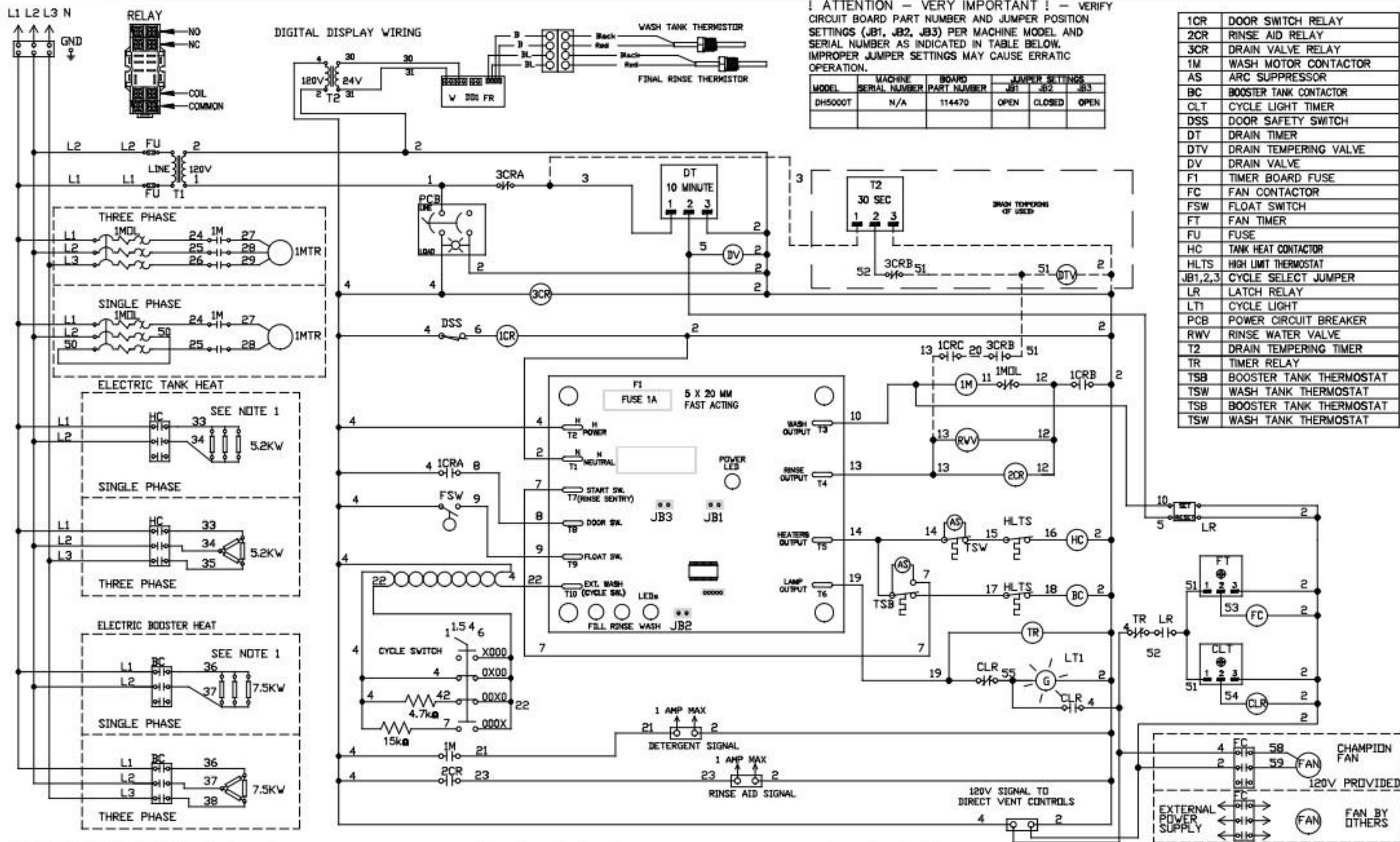
REV.	DESCRIPTION	DATE	BY
A	CHANGED DRAWING TITLE TO SHOW VENTILATION OPTIONS	03OCT12	JAM
B	ADDED 1CRB CONTACT TO DRAIN TEMPERING CIRCUIT	04APR13	JAM

REV.	DESCRIPTION	DATE	BY

Champlon
 The Dishwashing Machine Specialists

DH5000T - TALL HOOD DOOR MACHINE
 1 & 3 PHASE WITH VENTILATION OPTIONS/DOOR LATCH

B 702743-3 REV. B



! ATTENTION - VERY IMPORTANT ! - VERIFY CIRCUIT BOARD PART NUMBER AND JUMPER POSITION SETTINGS (JB1, JB2, JB3) PER MACHINE MODEL AND SERIAL NUMBER AS INDICATED IN TABLE BELOW. IMPROPER JUMPER SETTINGS MAY CAUSE ERRATIC OPERATION.

MODEL	MACHINE SERIAL NUMBER	BOARD PART NUMBER	JUMPER SETTINGS		
			JB1	JB2	JB3
DH5000T	N/A	114470	OPEN	CLOSED	OPEN

1CR	DOOR SWITCH RELAY
2CR	RINSE AID RELAY
3CR	DRAIN VALVE RELAY
1M	WASH MOTOR CONTACTOR
AS	ARC SUPPRESSOR
BC	BOOSTER TANK CONTACTOR
CLT	CYCLE LIGHT TIMER
DSS	DOOR SAFETY SWITCH
DT	DRAIN TIMER
DTV	DRAIN TEMPERING VALVE
DV	DRAIN VALVE
F1	TIMER BOARD FUSE
FC	FAN CONTACTOR
FSW	FLOAT SWITCH
FT	FAN TIMER
FU	FUSE
HC	TANK HEAT CONTACTOR
HLTS	HIGH LIMIT THERMOSTAT
JB1,2,3	CYCLE SELECT JUMPER
LR	LATCH RELAY
LT1	CYCLE LIGHT
PCB	POWER CIRCUIT BREAKER
RWV	RINSE WATER VALVE
T2	DRAIN TEMPERING TIMER
TR	TIMER RELAY
TSB	BOOSTER TANK THERMOSTAT
TSW	WASH TANK THERMOSTAT
TSB	BOOSTER TANK THERMOSTAT
TSW	WASH TANK THERMOSTAT

CUSTOMER TO SUPPLY RATED VOLTAGE/PHASE/Hz AS SPECIFIED PER ORDER TO DISCONNECT SWITCH. ALL POWER SUPPLIED TO EACH CONNECTION POINT MUST COMPLY WITH ALL LOCAL ELECTRIC CODES.

DR. BY J. MCALLISTER SCALE NONE
DATE 04/05/12 SHEET 1 OF 1

REV.	DESCRIPTION	DATE	BY
A	CHANGED DRAWING TITLE TO SHOW VENTILATION OPTIONS	03OCT12	JAM
B	ADDED 1CRB CONTACT TO DRAIN TEMPERING CIRCUIT	04APR13	JAM

REV.	DESCRIPTION	DATE	BY

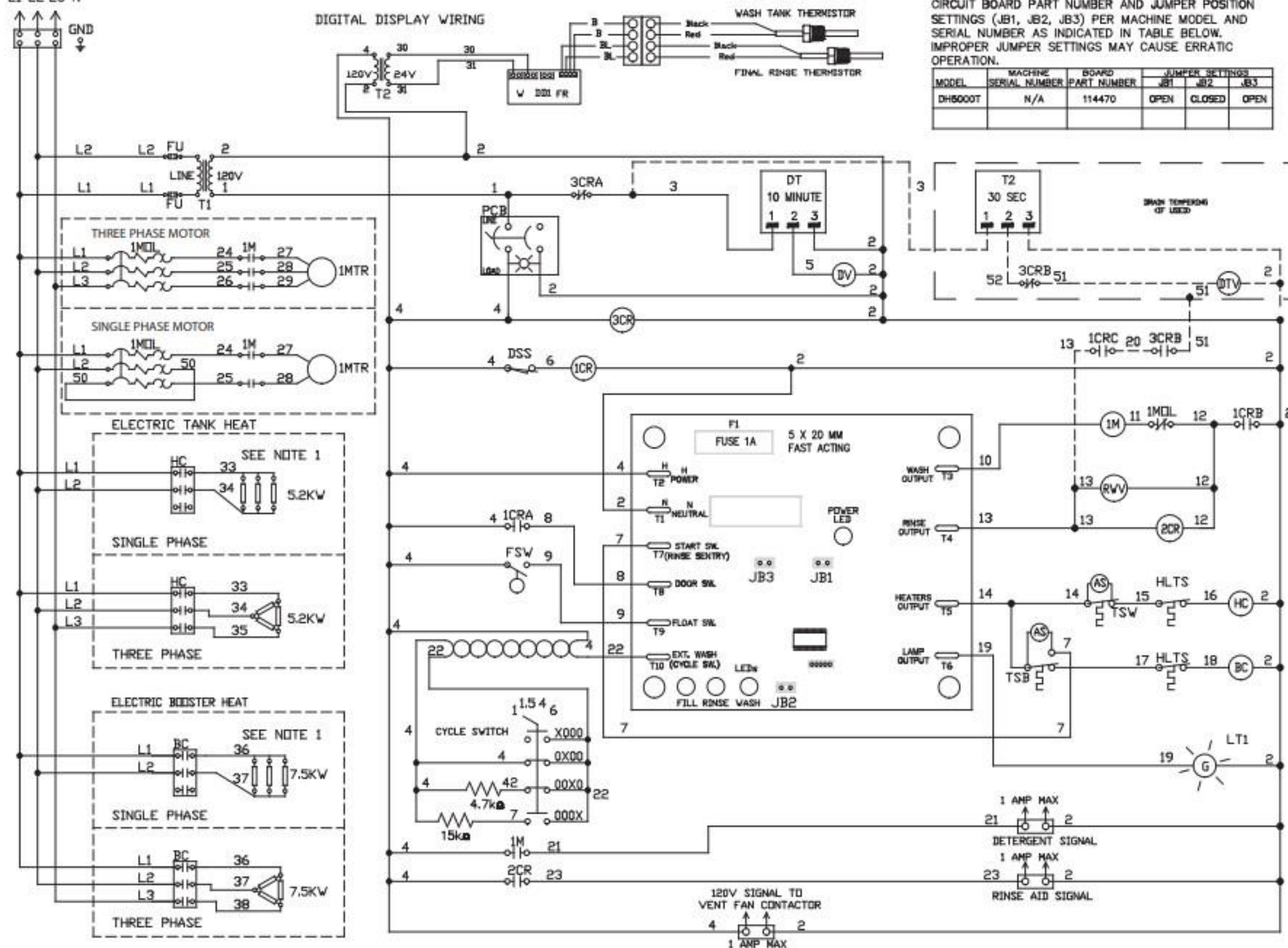
Champion
The Dishwashing Machine Specialists

DH5000T - TALL HOOD DOOR MACHINE
1 & 3 PHASE WITH VENTILATION OPTIONS
B 702743-2 REV. B

**

L1 L2 L3 N

DIGITAL DISPLAY WIRING



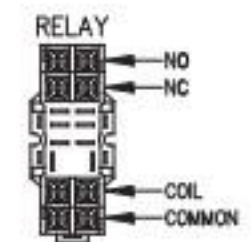
! ATTENTION - VERY IMPORTANT! - VERIFY CIRCUIT BOARD PART NUMBER AND JUMPER POSITION SETTINGS (JB1, JB2, JB3) PER MACHINE MODEL AND SERIAL NUMBER AS INDICATED IN TABLE BELOW. IMPROPER JUMPER SETTINGS MAY CAUSE ERRATIC OPERATION.

MODEL	SERIAL NUMBER	BOARD PART NUMBER	JUMPER SETTINGS		
			JB1	JB2	JB3
DH5000T	N/A	114470	OPEN	CLOSED	OPEN

1CR	DOOR SWITCH RELAY
2CR	RINSE AID RELAY
3CR	DRAIN VALVE RELAY
1M	WASH MOTOR CONTACTOR
AS	ARC SUPPRESSOR
BC	BOOSTER TANK CONTACTOR
DSS	DOOR SAFETY SWITCH
DT	DRAIN TIMER
DTV	DRAIN TEMPERING VALVE
DV	DRAIN VALVE
F1	TIMER BOARD FUSE
FSW	FLOAT SWITCH
FU	FUSE
HC	TANK HEAT CONTACTOR
HLTS	HIGH LIMIT THERMOSTAT
JB1	RINSE TIME SELECT JUMPER
JB2	CYCLE SELECT JUMPER
JB3	CYCLE SELECT JUMPER
LT1	CYCLE LIGHT
PCB	POWER CIRCUIT BREAKER
RWV	RINSE WATER VALVE
T2	DRAIN TEMPERING TIMER
TSB	BOOSTER TANK THERMOSTAT
TSW	WASH TANK THERMOSTAT

- TO TEST INPUTS T7, T8, AND T9 A METER CAPABLE OF READING DC VOLTAGES MUST BE USED.
- 1.) SET METER TO READ DC VOLTAGE
 - 2.) PLACE BLACK LEAD TO T2
 - 3.) PLACE RED LEAD TO TERMINAL BEING TESTED
i.e. PLACE RED LEAD TO T8 TO TEST DOOR SW.
 - 4.) AN OPEN SWITCH WILL READ 4.7-5.3VDC
A CLOSED SWITCH WILL READ 0-1VDC

DIAGRAM STATE
POWER OFF
DOORS CLOSED
TANKS EMPTY
END OF CYCLE



CUSTOMER TO SUPPLY RATED VOLTAGE/PHASE/Hz AS SPECIFIED PER ORDER TO DISCONNECT SWITCH. ALL POWER SUPPLIED TO EACH CONNECTION POINT MUST COMPLY WITH ALL LOCAL ELECTRIC CODES.

DR. BY J. MCALLISTER SCALE NONE
DATE 04/05/12 SHEET 1 OF 1

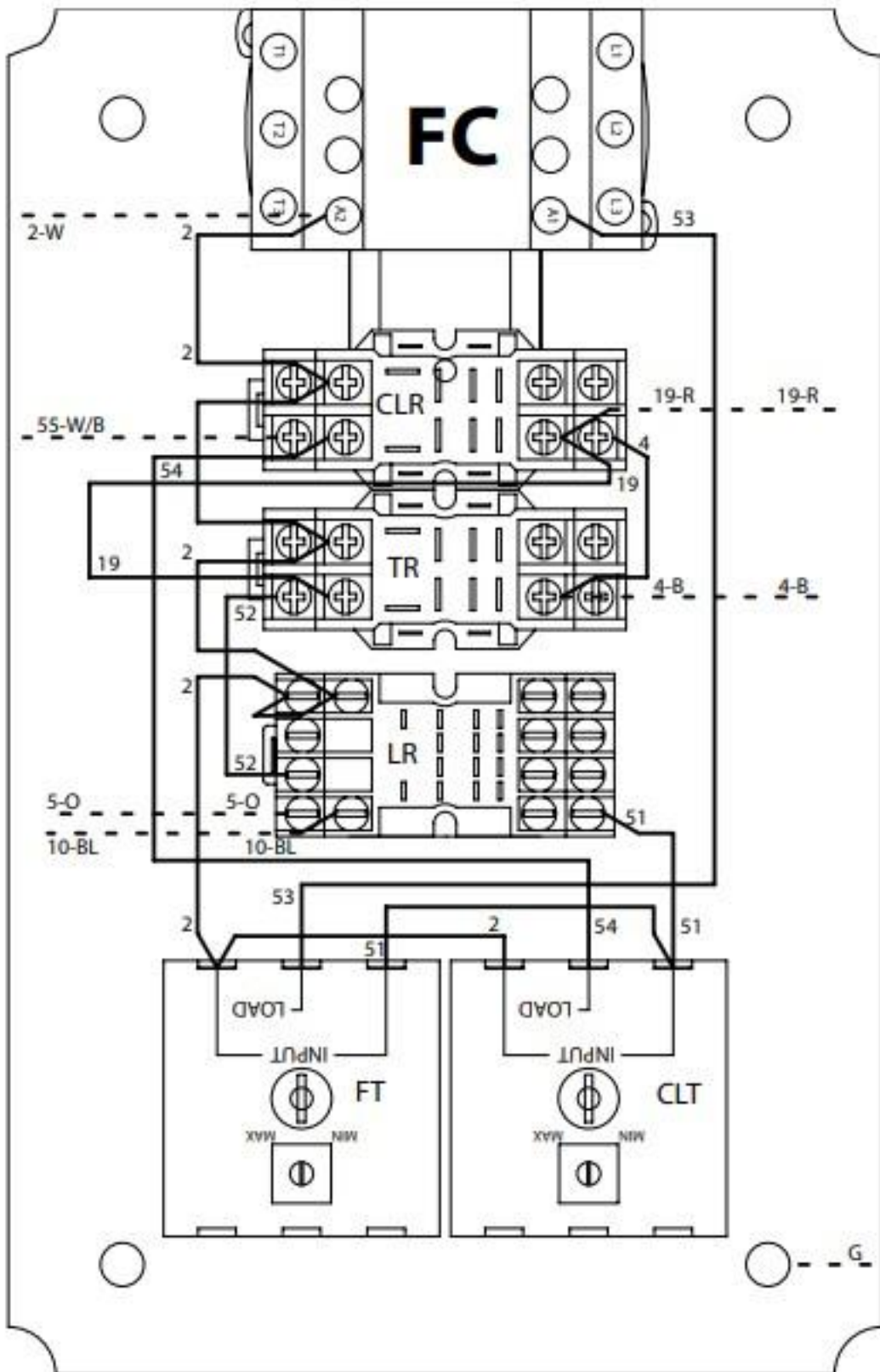
REV.	DESCRIPTION	DATE	BY
A	CHANGED 1CR TO THREE POLE RELAY	25FEB13	JAM

REV.	DESCRIPTION	DATE	BY

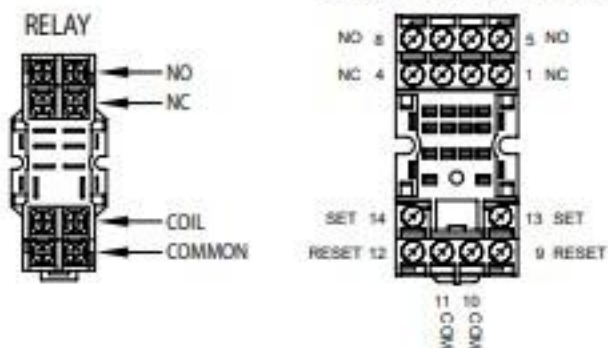
Champion
The Dishwashing Machine Specialists

DH5000T - TALL HOOD DOOR MACHINE - 1 & 3 PHASE
B 702743 REV. A

E



LATCH RELAY BASE



DH5000 DIRECT VENT
FAN BY OTHERS WIRING DIAGRAM
702316-7

