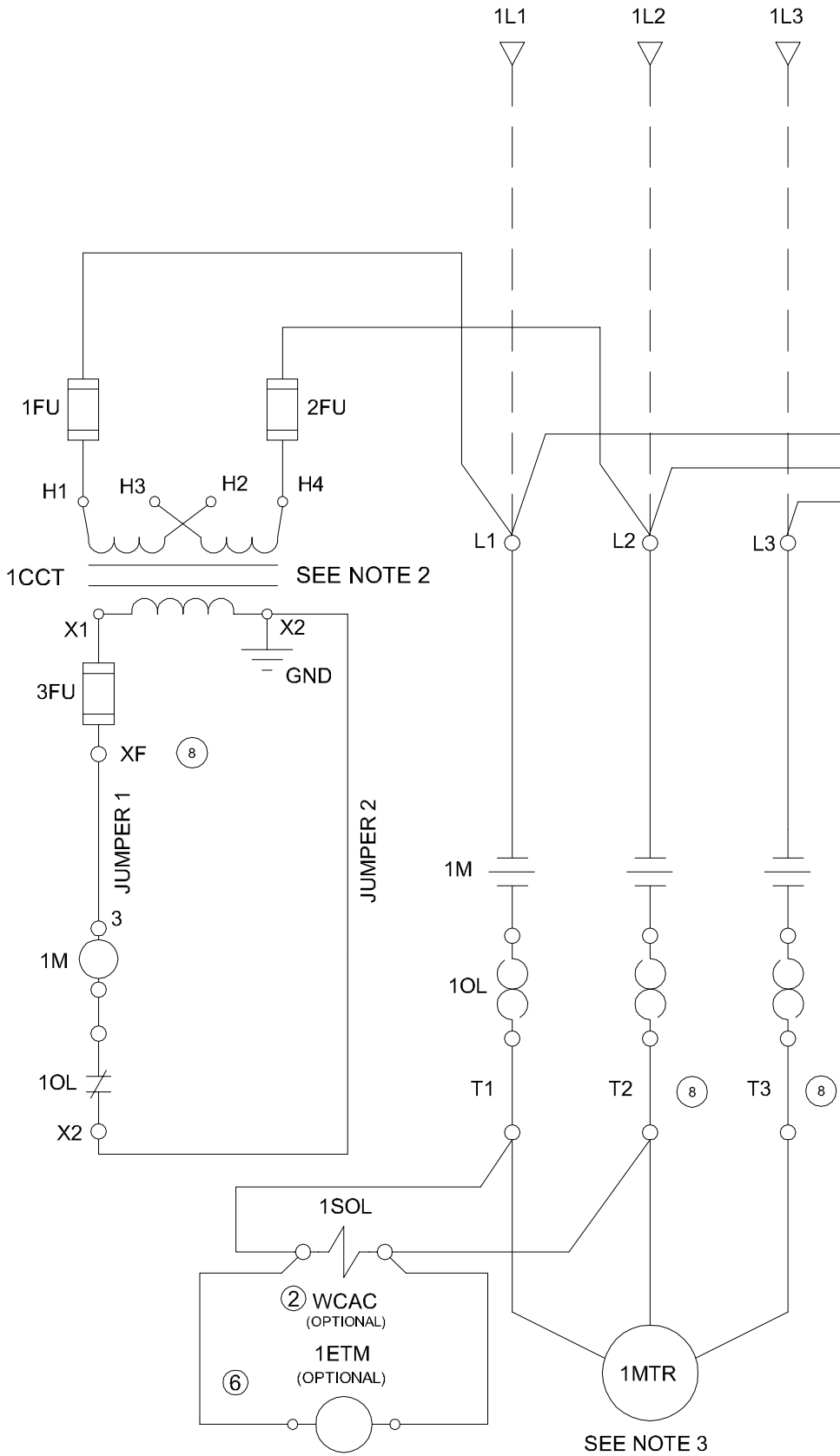


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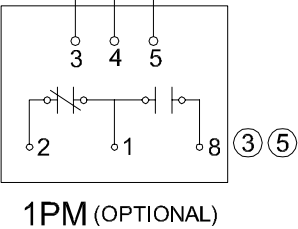


NOTES:

- 1) ALL WIRING TO BE IN ACCORDANCE WITH NEC.
- 2) SEE MOTOR NAMEPLATE FOR HORSEPOWER AND AMPS.
- 3) SEE TRANSFORMER NAMEPLATE FOR WIRING DETAILS.
- 4) LOW OIL LEVEL SWITCH (1LS, TEMPERATURE SWITCH (1TS), AND POWER MONITOR (1PM) ARE OPTIONAL. REMOVE JUMPER 2 WHEN CONNECTING ANY OF THESE OPTIONS. TWO OR MORE OPTIONS BETWEEN X2 (1OL) & (1CCT) MUST BE WIRED IN SERIES.
- 5) REMOVE JUMPER 1 WHEN CONNECTING ANY ONE OF THE 1SS/1PS OPTIONS.
- 6) BRANCH CIRCUIT PROTECTION FUSIBLE DISCONNECT OR CIRCUIT BREAKER MUST BE PROVIDED BY INSTALLER IF FUSIBLE DISCONNECT IS NOT FACTORY INSTALLED.
- 7) CCT REQUIRED FOR 460 VOLT POWER MONITOR.
- 8) CHAMPION WIRING SCHEMATIC REPRESENTS CONTROL PANEL FUNCTION AND IS FOR REFERENCE ONLY. MANUFACTURER'S WIRING SCHEMATIC (AND LADDER LOGIC DIAGRAM IF PANEL CONTAINS A PROGRAMMABLE RELAY), IS THE OFFICIAL SCHEMATIC AND SHOULD BE USED FOR CONNECTIONS AND TROUBLESHOOTING. MANUFACTURER'S WIRING SCHEMATIC MAY VARY IN APPEARANCE DUE TO USE OF PROGRAMMABLE RELAYS, NUMBERING OF TERMINALS, ETC.. MANUFACTURER'S WIRING SCHEMATIC TAKES PRECEDENCE, SHOULD ANY QUESTIONS ARISE.

1

7

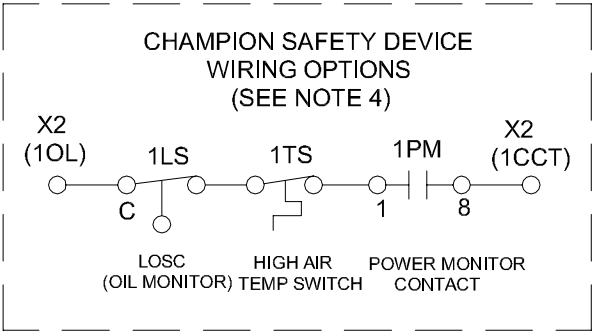


LEGEND:

1MTR	MOTOR
1OL	OVERLOAD RELAY & CONTACT
1M	MAG STARTER COIL & CONTACTORS
1M-1	AUXILIARY INTERLOCK (NORMALLY OPEN)
1PS	PRESSURE SWITCH
1LS	LOW OIL LEVEL SWITCH
1TS	HIGH AIR TEMPERATURE SWITCH
1PM	POWER MONITOR & CONTACT (NOTE 7)
1SS	OFF-ON OR H-O-A SELECTOR SWITCH
1CCT	CONTROL CIRCUIT TRANSFORMER
1FU,2FU	PRIMARY FUSES
3FU	SECONDARY FUSES
1DISC	FUSIBLE DISCONNECT
1SOL	WATER COOLED AFTERCOOLER SOLENOID

1

2



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ECN	ISSUE:
87-96	06-20-1996 D.AKINS REV A RELEASED
00-100	05-04-2000 G.L. REV B 1 ADDED NOTE 7 2 ADDED WCAC 3 ADDED 1PM
00-111	05-12-2000 G.L. REV C 4 ADDED CKT BKR OPTION
03-381	12-04-2003 M.D.H. REV D 5 ADD CONTACTS TO (1PM) 6 ADD (1ETM) 7 ADD NOTE 8
1024758	03/11/05 DMF REV E 8 ADD TERMINAL IDENTIFIERS

REFERENCE

STD. TOLERANCES UNLESS NOTED

2 PLACE DECIMALS:±.020
3 PLACE DECIMALS:±.005
4 PLACE DECIMALS:±.0005
ANGLES:.....±1°
FINISH AA: 125

PART NAME:
WIRING DIAGRAM - SIMPLEX
3Ø DEFINITE PURPOSE
MAGNETIC STARTER W/TRANSFORMER

MAT'L:

SCALE:NTS (DO NOT SCALE PRINT)

D'WN BY: M.GRAY DATE: 6-20-96

CH'K BY: LSH DATE: 1/15/04

PART NO. B0680 PRINT NO. B0680