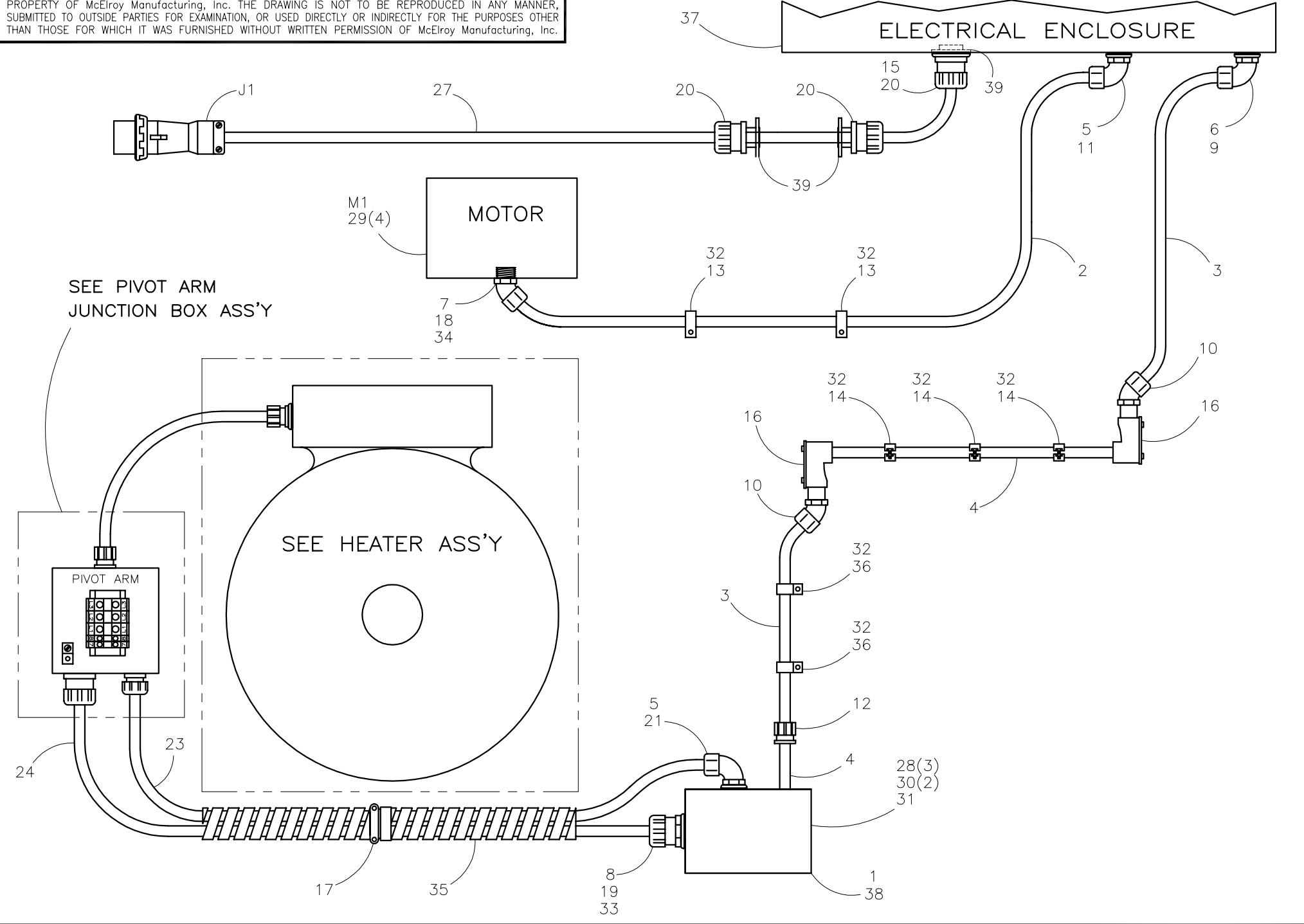




McElroy Manufacturing, Inc.
 The leader by design.
 Tulsa, Oklahoma U.S.A.

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|---|------------|--------------|--------------|------------------|------------|------------|-------------------|
| DRAWN: BEA | CHECK: MJA | APPRV'D: RAD | DATE: 6/6/97 | DWG No.: 2402400 | SHT No.: 3 | REV No.: F | PART No.: 2402403 |
| #824A ELECTRICAL POWER ASSEMBLY 380-415V, 50Hz, 3Ph | | | | | | | CAD No.: 2402403 |

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**#824A ELECTRICAL POWER ASSEMBLY
380-415V, 50Hz, 3Ph**

Parts List

| ITEM | PART NO. | QTY. | DESCRIPTION |
|------|----------------|---------|-------------------------------------|
| | 2402403 | | ASSEMBLY |
| J1 | MLF00063 | 1 | 60 AMP ELECTRICAL PLUG |
| M1 | MDB00059 | 1 | 7-1/2HP INDUCTION MOTOR |
| 1 | MLA00012 | 1 | COVER |
| 2 | MLI00001 | 12.5 FT | 1/2 FLEX CONDUIT |
| 3 | MLI00002 | 4 FT | 3/4 FLEX CONDUIT |
| 4 | MLI00003 | 7 FT | 3/4 RIGID CONDUIT |
| 5 | MLJ00004 | 2 | 1/2 SEAL RING |
| 6 | MLJ00005 | 1 | 3/4 SEAL RING |
| 7 | MLJ00006 | 1 | 1/2 X 45DEG CONDUIT CONNECTOR |
| 8 | MLJ00007 | 1 | 1 SEAL RING |
| 9 | MLJ00009 | 1 | 3/4 X 90DEG CONDUIT CONNECTOR |
| 10 | MLJ00010 | 2 | 3/4 X 45DEG CONDUIT CONNECTOR |
| 11 | MLJ00017 | 1 | 1/2 X 90DEG CONDUIT CONNECTOR |
| 12 | MLJ00025 | 1 | 3/4 STRAIGHT CONDUIT CONNECTOR |
| 13 | MLJ00029 | 2 | 1/2 CONDUIT STRAP |
| 14 | MLJ00030 | 3 | 3/4 CONDUIT HANGER |
| 15 | MLJ00058 | 1 | 1-1/4 SEAL RING |
| 16 | MLK00013 | 2 | ENTRANCE ELBOW |
| 17 | MLK00014 | 1 | 1-1/4 BOX CONNECTOR |
| 18 | MLJ00035 | 1 | 1 X 3/4 THREADED CONDUIT REDUCER |
| 19 | MLK00016 | 1 | 1" STRAIN RELIEF CONNECTOR |
| 20 | MLK00018 | 3 | 1-1/4 STRAIN RELIEF CONNECTOR |
| 21 | MLK00020 | 1 | 1/2 X 90DEG STRAIN RELIEF CONNECTOR |
| 22 | MLL00005 | 50 FT | #8 THHN/THWN ELEC WIRE, BLACK |
| 23 | MLL00008 | 10 FT | #16/2 TYPE "SOOWA" CORD |
| 24 | MLL00010 | 10 FT | #8/4 TYPE "SO" CORD |
| 25 | MLL00011 | 20 FT | #10 THHN/THWN ELEC WIRE, BLACK |
| 26 | MLL00012 | 20 FT | #18/2 INSTRUMENT CABLE, SHIELDED |
| 27 | MLL00042 | 50 FT | #4/5 TYPE "SO" CORD |
| 28 | MLM00032 | 3 | BLUE WIRE NUT |
| 29 | MLM00033 | 4 | GRAY WIRE NUT |
| 30 | MLM00034 | 2 | YELLOW WIRE NUT |
| 31 | MLM00037 | 1 | 14-1/0 X 1/4 GROUND LUG |
| 32 | MAA00003 | 7 | 1/4-20NC X 3/4 LG HHCS |
| 33 | MLN00350 | 1 | 1" CONDUIT LOCKNUT |
| 34 | MLN00024 | 1 | 3/4 - 1/2 REDUCING BUSHING |
| 35 | MLN00059 | 6 FT | PLASTIC SPIRAL WRAP |

#824A ELECTRICAL POWER ASSEMBLY
380-415V, 50Hz, 3Ph

Parts List

| ITEM | PART NO. | QTY. | DESCRIPTION |
|------|----------|------|--------------------------------------|
| 36 | MLN00070 | 2 | 3/4" CONDUIT STRAP, 1 HOLE, MALEABLE |
| 37 | 2402601 | 1 | CONTROL BOX ASSEMBLY |
| 38 | 2427801 | 1 | HEATER JUNCTION BOX MODIFICATION |
| 39 | MLN00222 | 3 | 1-1/4 CONDUIT LOCK NUT |

NOTES:

1. WIRE PER ELECTRICAL SCHEMATIC #2402502.
2. ITEMS #22, #25, AND #26 NOT SHOWN.

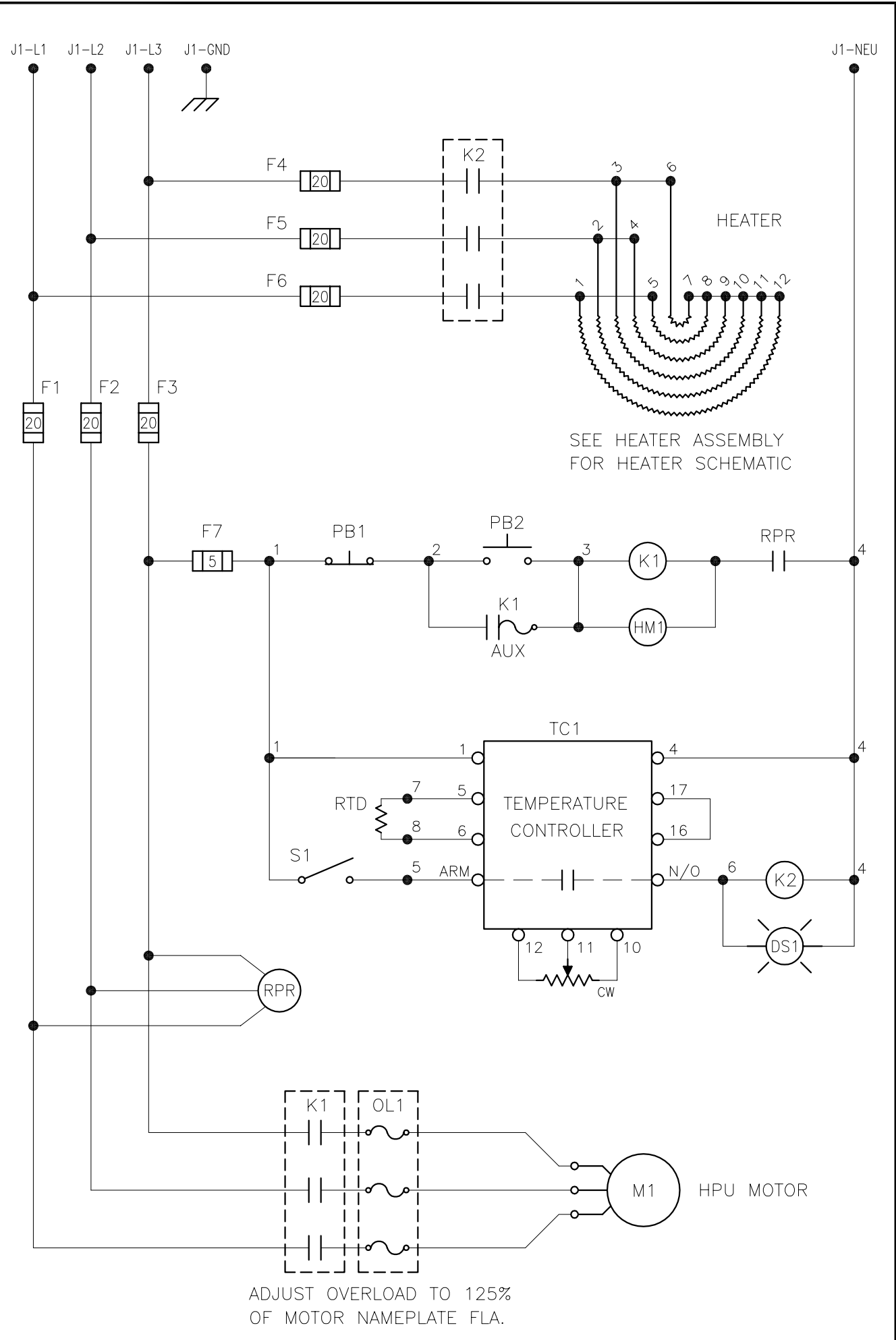
DRAWING REVISION HISTORY LISTING

PART NO: 2402403

DESCRIPTION: #824A ELECTRICAL POWER ASSEMBLY 380-415V, 50Hz, 3Ph

| <u>APPR.</u> | <u>REV</u> | <u>DATE</u> | <u>BY</u> | <u>DESCRIPTION OF REVISION</u> |
|--------------|------------|-------------|-----------|---|
| SWB | A | 11/2/98 | TGW | REVISED QTY OF ITEM 5 (MLJ00004) FROM (3) TO (2), QTY OF ITEM 13 (MLJ00029) FROM (3) TO (2), QTY OF ITEM 19 (MLK00016) FROM (2) TO (1) & QTY OF ITEM 31 (MLM00037) FROM (2) TO (1). REMOVED (REF.) FROM ITEM 37 (2402601) ELECTRICAL ENCLOSURE ASSY. DELETED HT1 (2428501) HEATER ASSY, ITEM 18 (MLK00015), ITEM 32 (MLM00051), ITEM 33 (MLM00068) & ITEM 39 (MLJ00012). ADDED ITEM 32 (MAA00003) 1/4-20NC x 3/4" LG. HHCS (QTY 7). |
| RAD | B | 3/15/00 | BEA | REMOVED REFERENCES TO 36" HEATER & PIVOT ARM JUNCTION BOX. |
| SWB | C | 04/15/03 | BWW | ADDED ITEM 39 MLN00222 QTY 3 AND ITEM 18 MLJ00035 QTY 1 TO MATCH AS BUILT CONDITION. |
| PJB | D | 10/06/03 | BEA | ADDED ITEM 33, LOCKNUT (MLN00350), QTY 1 TO REFLECT AS BUILT CONDITION. |
| SWB | E | 11/20/03 | ALK | REVISED ITEM-M1 FROM MDB00063 TO MDB00059 WHICH IS A MULTI-VOLTAGE MOTOR. |
| JRP | F | 04/17/06 | BEA | CHANGED TITLE TO INCLUDE 380 VOLT POWER. |

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DRAWING REVISION HISTORY LISTING

PART NO: 2402502

DESCRIPTION: #824A ELECTRICAL SCHEMATIC 380-415V, 50Hz, 3Ph

| <u>APPR.</u> | <u>REV</u> | <u>DATE</u> | <u>BY</u> | <u>DESCRIPTION OF REVISION</u> |
|--------------|------------|-------------|-----------|--|
| JRP | A | 04/17/06 | BEA | TO MAKE COMPATIBLE WITH 380VOLT SUPPLY: ADDED SEPARATE OVERLOAD UNIT (OL1). ADDED NOTE ON FACE OF DRAWING TO ADJUST OVERLOAD TO 125% OF MOTOR NAMEPLATE FLA. CHANGED TITLE TO INCLUDE 380 VOLT POWER. |