



TRANSFORMER CONNECTION TABLE
SINGLE OUTPUT - FUSE INSTALLED

Primary	Secondary	Volt.	Term.	Volt.	Term.
200	H4-H3	23	XF-X2	110	XF-X1
208	H4-H3	24	XF-X2	115	XF-X1
220	H4-H2	23	XF-X2	110	XF-X1
230	H4-H2	24	XF-X2	115	XF-X1
440	H4-H2	23	XF-X2	120	XF-X1
460	H4-H1	24	XF-X2	115	XF-X1
480	H4-H1	25	XF-X2	120	XF-X1

NOTE: IF BOTH OUTPUTS ARE USED
THE SECONDARY WIRING MUST
BE DONE OFF OF THE TRANSFORMER
WITH X3 REPLACING XF.

LEGEND:

- TERMINAL BLOCK
- DEVICE TERMINAL
- △ REVISION LOCATION
- ▭ CIRCUIT BOARD TERMINAL
- ▭ CIRCUIT BOARD TERMINAL #
- VOLTAGE SENSING DEVICE

NOTES:

- ALL COMPONENTS SHOWN DE-ENERGIZED AND EMPTY.
- LAST TERMINAL NUMBER USED: 38
- GROUND PRINT CIRCUIT BOARD.
- 115V CONTROL WIRE #18 A.W.G. (MINIMUM).
- RED NUMBERED WIRE.
- POWER WIRING #14 A.W.G. (MINIMUM).
- GROUND STRAP REQUIRED BETWEEN ENCLOSURE AND ENCLOSURE DOOR.
- FOR AUTOSTART OPTION.
- NO SPLICES IN WIRE RUNS.
- TSTAT 1: SET JUMPER BLOCK POSITION TO HEATING MODE
DIFF = 10°F
- TSTAT 2: SET JUMPER BLOCK POSITION TO COOLING MODE
100°F SET POINT
- SENSOR LOCATED IN "FROM PROCESS" MANIFOLD.
- OPTION REQUIRES WATER MAKE UP LEVEL STATUS AND WATER MAKE UP SOLENOID VALVE.
- INSTALL LEVEL SWITCHES WITH THE FLOAT UP FOR N.C. OPERATION.
- LOW LEVEL STATUS OPTION.
- INSTALL LEVEL SWITCH WITH THE FLOAT DOWN FOR N.O. OPERATION.
- * = MOTOR INTERNALLY THERMALLY PROTECTED.
- WHEN SHIELD CABLE IS USED FOR THE TSTAT THERMISTOR SENSOR
CONNECT PHASE TO THE "L" TERMINAL OF THE SENSOR TERMINAL BLOCK.
- WHEN PHASE MONITOR OPTION IS PRESENT, OMIT DIRECT CONNECTION BETWEEN 1 AND 1A
WIRE 1A SHALL RUN DIRECTLY FROM FU3 TO THE MONITOR'S COMMON SWITCH TERMINAL.
WIRE 1 SHALL BEGIN AT THE PHASE MONITOR NORMALLY OPEN TERMINAL (OPEN ON FAULT)

