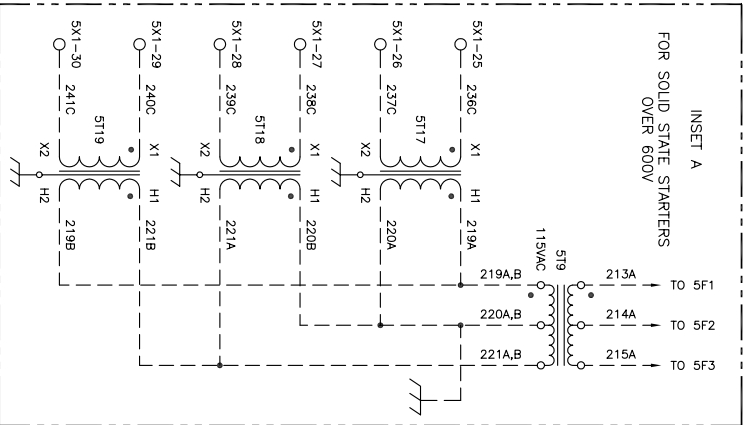
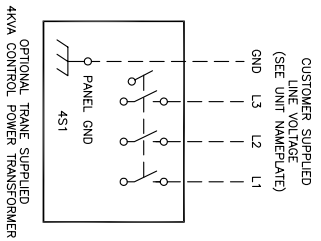
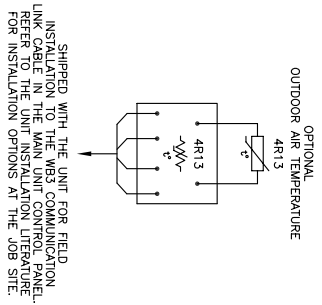




WIRE NO OR DEVICE	FIELD WIRING CIRCUIT SELECTION INFORMATION
SUPPLY AND MOTOR LEADS	SEE NAMEPLATE, MINIMUM CIRCUIT AMPACITY
1A*	4000VA AT 115VAC, 8 AVG MAX WIRE SIZE
2A* AND GND/YEL	4000VA AT 115VAC, 8 AVG MAX WIRE SIZE (WITHOUT OPTIONAL CPTP)
9A* AND 10A*	CIRCUIT PROTECTED AT 20A, 115VAC 1PH, 10 AVG MAX WIRE SIZE (WITH OPTIONAL CPTP)
13B*, 15B*, 16B AND 18B*	PUMP MOTOR, 1PH 3/4 HP, 11.7 FULL LOAD AMPS AT 115VAC, 14 AVG MAX WIRE SIZE. CONTACT RATING, 2.88A INDUCTIVE, 1/3 HP, 0.25KW AT 115VAC, 14 AVG MAX WIRE SIZE.
101B THRU 106B	SEE TRANE SPECIFICATION S6S16-0513, APPENDIX F, 14 AVG MAX WIRE SIZE.
236B THRU 241B	SEE TRANE SPECIFICATION S6S16-0513, APPENDIX F, 14 AVG MAX WIRE SIZE.
551*, 552* AND 3B*	CIRCUIT PROTECTED AT 20A, 115VAC 1PH, 10 AVG MAX WIRE SIZE
5A10-K1 AND 5S3 THRU 5S8	2400C, 12MA RESISTIVE LOAD, 14 AVG MAX WIRE SIZE
ALL REMAINING LUID TERMINALS	
CONTACT RATING, 2.88A INDUCTIVE, 1/3 HP, 0.25KW AT 115VAC, 14 AVG MAX WIRE SIZE.	
* TAPPED CONTROL CONDUCTORS	

NOTES:

- DASHED LINES INDICATE FIELD WIRING BY OTHERS. WIRE NUMBERS SHOWN ARE RECOMMENDED BY TRANE. REFER TO THE AS-BUILT SCHEMATIC DIAGRAM TO DETERMINE WHICH OPTIONS ARE PRESENT ON THE UNIT.
- DO NOT ROUTE LOW VOLTAGE (30V) WITH CONTROL VOLTAGE (115V) AND DO NOT POWER UNIT UNTIL CHECK-OUT AND START-UP PROCEDURES HAVE BEEN COMPLETED.
- ALL CUSTOMER SUPPLIED CHILLED/TOWER WATER FLOW CIRCUITRY SHOWN. REFER TO THE AS-BUILT SCHEMATIC DIAGRAM TO DETERMINE WHICH WATER FLOW DISPLAY OPTION IS PRESENT ON THE UNIT. WHEN REQUIRED, EVAPORATOR AND CONDENSER WATER FLOW SWITCHES MUST CONTAIN DPDT CONTACTS. THE SEPARATE FLOW SWITCHES ARE TO BE RUN IN SERIES WITH SEPARATE AUX CONTACTS FOR THE EVAPORATOR AND CONDENSER PUMPS. THEY MUST BE INSTALLED IN THE MAIN UNIT CONTROL PANEL BY THE INSTALLING CONTRACTOR. THE PURCHASE OF FLOW SWITCHES FROM TRANE IS OPTIONAL.
- STANDARD WIRING SHOWN. WHEN CONTROL POWER TRANSFORMER (CPTP OPTION) IS PRESENT, THE 5F4 FUSE, 5F5 TRANSFORMER AND ASSOCIATED WIRING IS NOT REQUIRED. WIRE 1A IS NOT REQUIRED AND WIRE 2A CONNECTS TO 1X1-13 INSTEAD OF 1X1-12. REFER TO THE FIELD WIRING CIRCUIT SELECTION CHART FOR PROPER WIRE SIZING.
- WIRE 18B AND 18C ARE NOT USED WITH SOLID STATE STARTER.

