



TRANE®

DATE: 12-18-95

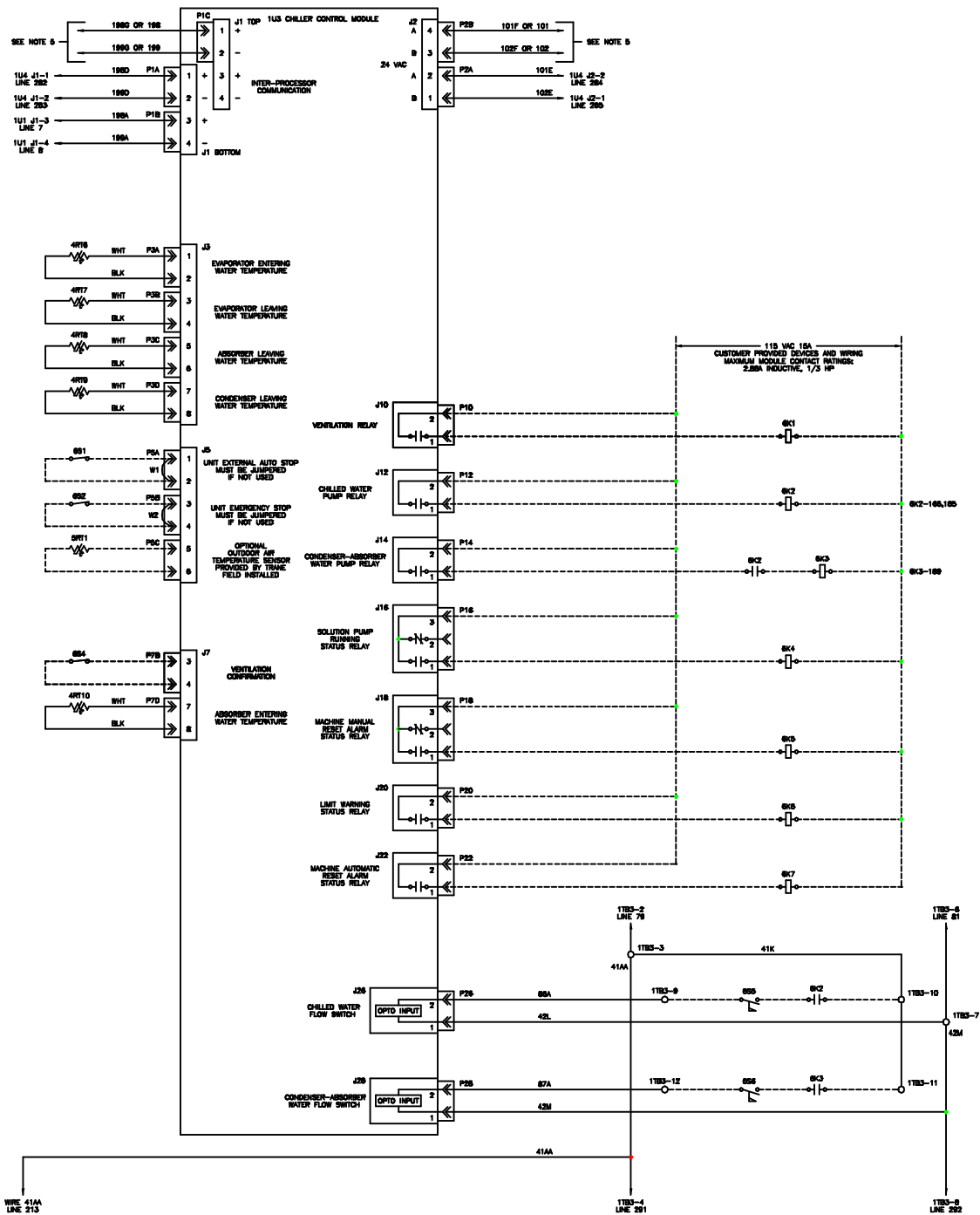
ABSORPTION LIQUID CHILLER
ABDA HORIZON™ TWO-STAGE DIRECT-FIRED ABSORPTION
UNIT SCHEMATIC WIRING DIAGRAM

CHILLER CONTROL MODULE

DRAWING NUMBER
2307-8203

REV
E

SHEET 3 OF 6



NOTE:

- SOLID LINES INDICATE WIRING BY THE TRANE COMPANY AND DASHED LINES INDICATE FIELD WIRING PROVIDED BY CUSTOMER. REFER TO UNIT FIELD WIRING LAYOUT AND CONNECTION DIAGRAMS TO DETERMINE THE ACTUAL CUSTOMER SUPPLIED DEVICES AND WIRING REQUIRED ON THE UNIT.
- NUMBERS ALONG THE RIGHT SIDE OF THE SCHEMATIC DESIGNATE THE LOCATION OF DEVICE CONTACTS BY LINE NUMBER. AN UNDERLINED NUMBER INDICATES A NORMALLY CLOSED CONTACT.
- UNLESS OTHERWISE SPECIFIED, ALL SWITCHES ARE SHOWN AT 20°C (77°F), AT ATMOSPHERIC PRESSURE, AT 50% RELATIVE HUMIDITY, WITH ALL UTILITIES TURNED OFF AND AFTER A NORMAL SHUTDOWN HAS OCCURRED.
- ALL TRANE DEVICES AND ASSOCIATED WIRING MARKED AS OPTIONAL MAY NOT BE PRESENT ON THE UNIT UNLESS REQUIRED BY CONTROL OPTIONS SPECIFIED ON THE SALES ORDER. REFER TO THE AS-BUILT SCHEMATIC WIRING DIAGRAM SUPPLIED WITH THE UNIT TO DETERMINE OPTIONAL TRANE DEVICES AND WIRING ACTUALLY SUPPLIED ON THE UNIT.
- IF 117 OPTIONS CONTROL MODULE IS PRESENT:
WIRE 1880 CONNECTS TO 117 J1-1, LINE 382 AND WIRE 1880 CONNECTS TO 117 J1-2, LINE 383
WIRE 101F CONNECTS TO 117 J2-4, LINE 382 AND WIRE 102F CONNECTS TO 117 J2-3, LINE 383
IF 117 OPTIONS CONTROL MODULE IS NOT PRESENT AND ANY COMBINATION OF 118 TRACER COMMUNICATION CONTROL MODULE, 118 REMOTE CLEAR LANGUAGE PC BUFFER CONTROL MODULE OR 1101 PRINTER COMMUNICATION CONTROL MODULE IS PRESENT, THE ORDER OF WIRING PREFERENCE IS:
WIRE 1880 CONNECTS TO 118, 118 OR 1101 J1-1, LINE 382, 383 OR 424 AND WIRE 1880 CONNECTS TO 118, 118 OR 1101 J1-2, LINE 382, 383 OR 425
WIRE 101F CONNECTS TO 118, 118 OR 1101 J2-4, LINE 382, 383 OR 424 AND WIRE 102F CONNECTS TO 118, 118 OR 1101 J2-3, LINE 382, 383 OR 425

DEVICE PREFIX CODE:

- 1 = MAIN UNIT CONTROL PANEL
- 3 = BURNER CONTROL PANEL
- 4 = UNIT MOUNTED DEVICE
- 6 = REMOTE MOUNTED DEVICE
- 8 = CUSTOMER PROVIDED DEVICE

THIS DRAWING IS PROPRIETARY AND SHALL NOT BE COPIED OR ITS CONTENTS DISCLOSED TO OUTSIDE PARTIES WITHOUT THE WRITTEN CONSENT OF THE TRANE COMPANY.

WARNING

HAZARDOUS VOLTAGE
DISCONNECT ALL ELECTRIC POWER
BEFORE SERVICING. FAILURE TO DISCONNECT POWER
BEFORE SERVICING CAN CAUSE
SEVERE PERSONAL INJURY OR DEATH.
AVERTISSEMENT
TENSION DANGEREUSE
DECONNECTEZ TOUTES LES SOURCES
ELECTRIQUES INCLUANT LES
DISJONCTEURS AVANT D'ENTREPRENDRE
L'ENTRETIEN. L'ENTRETIEN SANS LA SOURCE
ELECTRIQUE AVANT D'ETRE EFFECTUE
PEUT ENTRAINER DES
BLESSES CORPORELLES SEVERES
OU LA MORT.

CAUTION

USE COPPER CONDUCTORS ONLY!
UNIT TERMINALS ARE NOT DESIGNED
TO ACCEPT OTHER TYPES OF
CONDUCTORS.
FAILURE TO DO SO MAY CAUSE
DAMAGE TO THE EQUIPMENT.