

ABSORPTION LIQUID CHILLER

ABSC SINGLE-STAGE STEAM OR HOT WATER ABSORPTION UNIT SCHEMATIC WIRING DIAGRAM

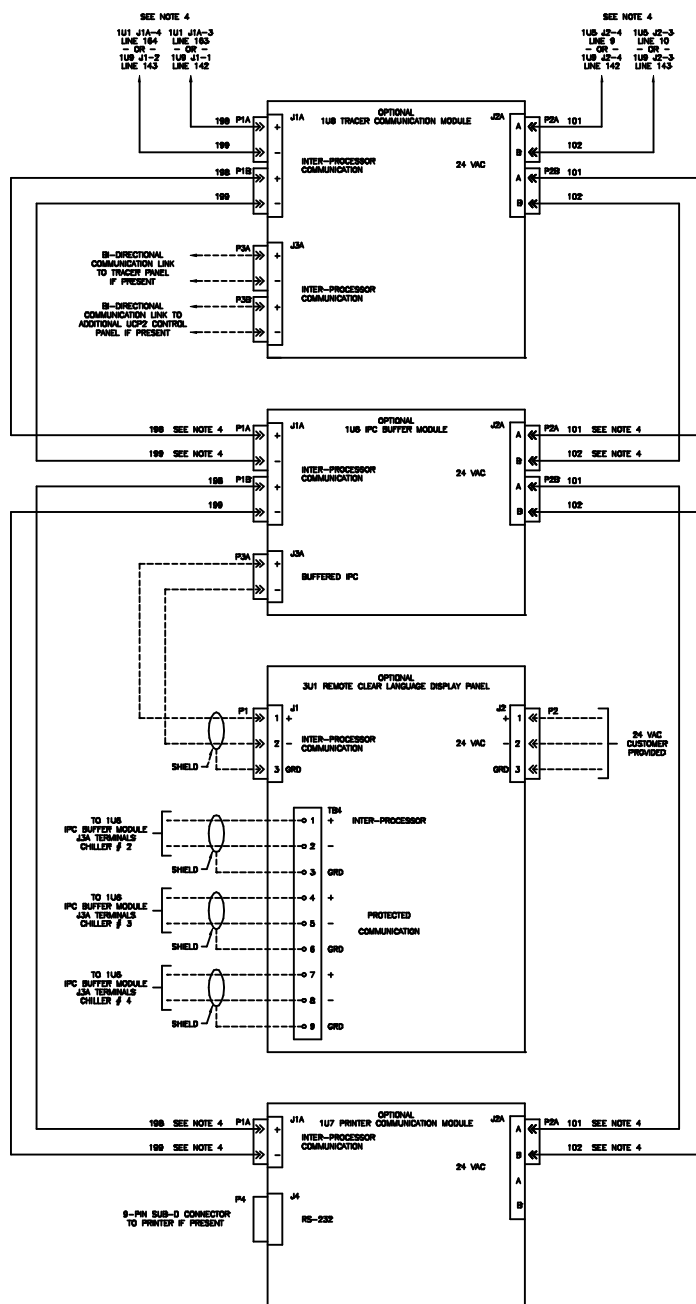
COMMUNICATION CONTROL MODULES

DRAWING NUMBER

2307-3290

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NOTE:

1. SOLID LINES INDICATE WIRING BY THE SAME COMPANY AND DASHED LINES INDICATE FIELD WIRING PROVIDED BY CUSTOMER. REFER TO FIELD WIRING LAYOUT AND CONNECTION DIAGRAMS TO DETERMINE THE ACTUAL CUSTOMER SPECIFIED DEVICES AND WIRING REQUIRED ON THE UNIT.
 2. UNLESS OTHERWISE SPECIFIED, ALL SWITCHES ARE SHOWN AT 250° (77°F), AT ATMOSPHERIC PRESSURE, AT 60% RELATIVE HUMIDITY, WITH ALL UTILITIES TURNED OFF AND AFTER A NORMAL SHUTDOWN HAS OCCURRED.
 3. ALL TRUNK 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 TRUNK DEVICES AND WIRING ACTUALLY SUPPLIED ON THE UNIT.
 4. ALL OPTIONAL COMMUNICATION MODULES SHOWN IN ORDER OF WIRING PREFERENCE, FROM TOP TO BOTTOM.
 - IF 1U8 OPTIONS MODULE IS PRESENT:
INTER-PROCESSOR COMMUNICATION AND 24 VAC WIRING (WIRE 198, 199, 101 AND 102) IS CONNECTED TO 1U8 OPTIONS MODULE, LINE 142 AND 143.
 - IF 1U8 OPTIONS MODULE IS NOT PRESENT:
INTER-PROCESSOR COMMUNICATION WIRING (WIRE 198 AND 199) IS CONNECTED TO 1U1 CHILLER MODULE, LINE 163 AND 164. 24 VAC WIRING (WIRE 101 AND 102) IS CONNECTED TO 1U8 STARTER MODULE, LINE 9 AND 10.
- WHEN ANY COMBINATION OF THE ABOVE OPTIONAL COMMUNICATION MODULES ARE PRESENT, INTER-PROCESSOR COMMUNICATION AND 24 VAC WIRING IS SHOWN BETWEEN MODULES AS SHOWN.

DEVICE PREFIX CODE:

- 1 = MAIN CONTROL PANEL
- 3 = REMOTE MOUNTED DEVICE
- 4 = UNIT MOUNTED DEVICE
- 5 = PROVIDED BY CUSTOMER

DASHED LINES INDICATE WIRING BY CUSTOMER

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
INCLUDING REMOTE DISCONNECTS
BEFORE SERVICING.
FAILURE TO DISCONNECT POWER
BEFORE SERVICING CAN CAUSE

SEVERE PERSONAL INJURY OR DEATH.
⚠ AVERTISSEMENT
VOLTAGE DANGEREUX!
DECONNECTEZ TOUTES LES SOURCES
ELECTRIQUES INFLUANT LES
DIJONCTEURS SITUES A DISTANCE
AVANT D'EFFECTUER L'ENTRETIEN.
FAUTE DE DECONNECTER LA SOURCE
ELECTRIQUE AVANT D'EFFECTUER
L'ENTRETIEN PEUT ENTRAÎNER DES
BLESSURES CORPORELLES SEVERES
OU LA MORT.

▲ CAUTION

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.