



TRANE

Date:02-09-96

HERMETIC CENTRIFUGAL LIQUID CHILLER

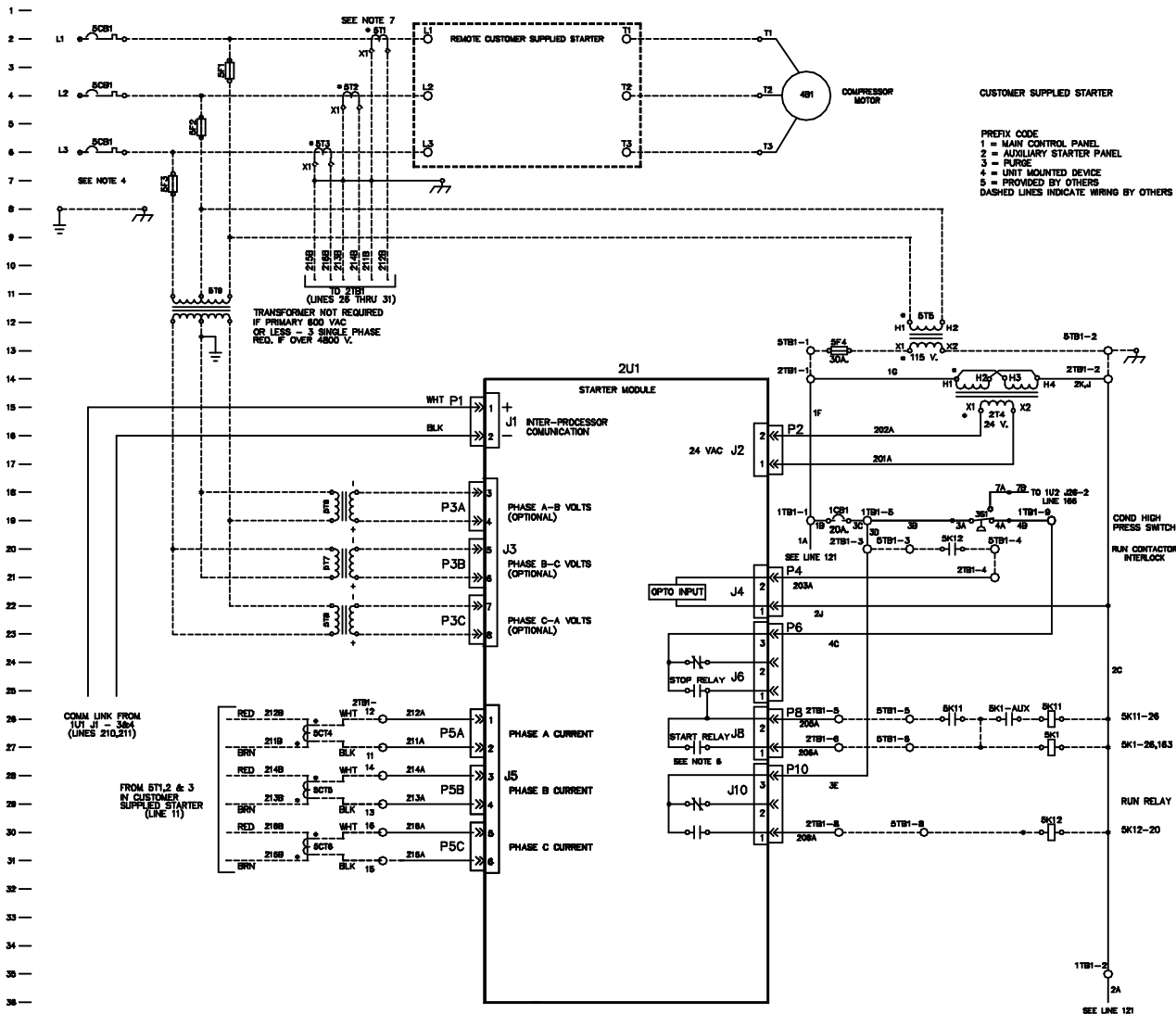
CENTRAVAC®
UCP2 SCHEMATIC WIRING CVHE, CVHF, CVHG
CUSTOMER SUPPLIED WYE-DELTA, PRIMARY REACTOR,
OR AUTO TRANSFORMER STARTER

DRAWING NUMBER

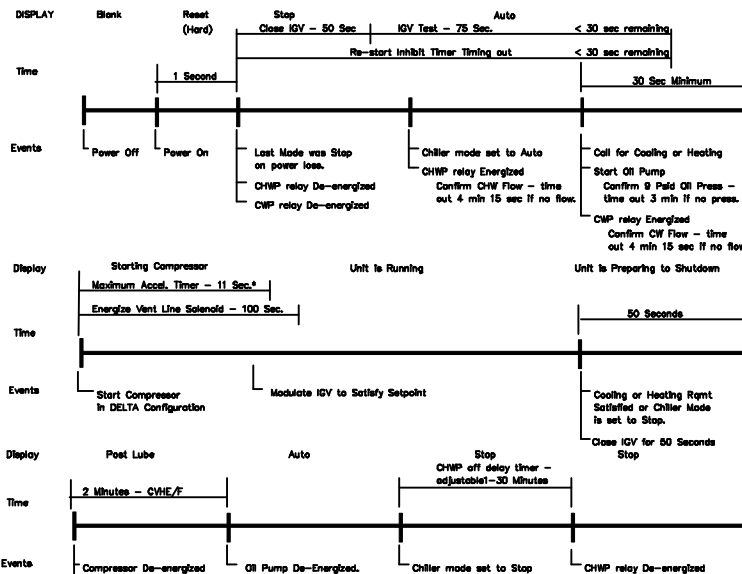
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CentraVac Sequence of Operation With REMOTE Starter



- NOTES:
1. OPTIONAL STARTER INTERLOCK. SEE STARTER MANUFACTURER'S WIRING DIAGRAM FOR SPECIFIC APPLICATION.
 2. UNLESS OTHERWISE NOTED, ALL SWITCHES ARE SHOWN AT 25 °C (77 °F), AT ATMOSPHERIC PRESSURE, AT 50% RELATIVE HUMIDITY, WITH ALL UTILITIES TURNED OFF AND AFTER A NORMAL SHUTDOWN HAS OCCURRED.
 3. NUMBERS ALONG THE RIGHT SIDE OF THE SCHEMATIC DESIGNATE THE LOCATION OF THE CONTACTS BY LINE NUMBER. AN UNDERLINED NUMBER INDICATES A NORMALLY CLOSED CONTACT.
 4. THREE PHASE POWER SUPPLY VOLTAGE—SEE UNIT NAMEPLATE.
 5. REMOTE CUSTOMER SUPPLIED STARTER WIRING BETWEEN STARTER AND CONTROL MODULE ARE SHOWN. SEE STARTER MANUFACTURER'S WIRING DIAGRAM FOR SPECIFIC STARTER WIRING.
 6. RELAY COILS ARE NOT SHOWN. CONTACTS ARE CONTROLLED BY THE LOGIC OF THE MICRO-CONTROLLER. SEE SEQUENCE OF OPERATION.
 7. POLARITY MARKING ON THE CURRENT TRANSFORMER, (H1 MARKING ON CT) MUST BE FACING TOWARDS THE INCOMING CURRENT.

WARNING
HAZARDOUS VOLTAGE!
DISCONNECT ALL ELECTRIC POWER INCLUDING REMOTE DISCONNECTS BEFORE SERVICING.
FAILURE TO DISCONNECT POWER BEFORE SERVICING CAN CAUSE SERIOUS PERSONAL INJURY OR DEATH.

AVERTISSEMENT
VOLTAGE DANGEREUX!
DECONNECTEZ TOUTES LES SOURCES ELECTRIQUES INCLUANT LES DISJONCTEURS SITUES A DISTANCE AVANT D'EXECUTER L'ENTRETIEN. L'ENTRETIEN PEUT ENTRAINER DES BLESSURES 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.

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

*Maximum Accel. Timer - 27 Sec.(if Y-DELTA STARTER)