



HERMETIC CENTRIFUGAL LIQUID CHILLER

CENTRAVAC[®]
UCP2 SCHEMATIC WIRING CVHE, CVHF, CVHG
CUSTOMER SUPPLIED SOLID STATE STARTER

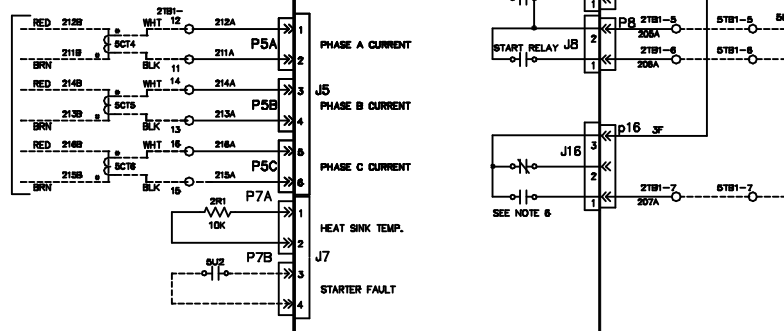
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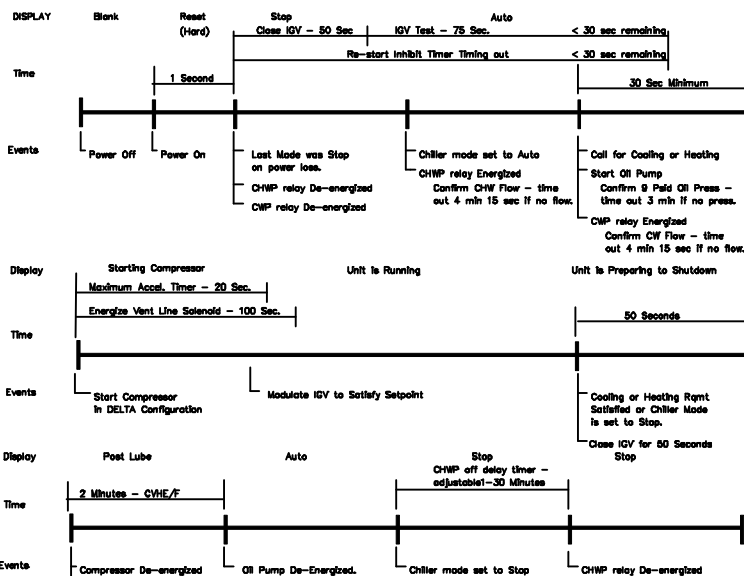
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PREFIX CODE
1 = MAIN CONTROL PANEL
2 = AUXILIARY STARTER PANEL

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3 = PURGE
4 = UNIT MOUNTED DEVICE
5 = PROVIDED BY OTHERS
DASHED LINES INDICATE WIRING BY OTHERS



CentraVac Sequence of Operation With SOLID STATE Starter



NOTES:

1. OPTIONAL STARTER INTERLOCK. SEE STARTER MANUFACTURERS WIRING DIAGRAM FOR SPECIFIC APPLICATION.
2. UNLESS OTHERWISE NOTED, ALL SWITCHES ARE SHOWN AT 28 G (77" Hg) 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. SOLA STARTER IS NOT REQUIRED.
6. STARTER AND CONTROL MODULE ARE SHOWN. SEE STARTER MANUFACTURERS WIRING DIAGRAM FOR SPECIFIC STARTER WIRING.
7. RELAY COILS ARE NOT SHOWN. CONTACTS ARE CONTROLLED BY THE LOGIC OF THE MICRO-CONTROLLER, SEE SEQUENCE OF OPERATION.
8. POLARITY MARKING ON THE CURRENT TRANSFORMER , (UNIT MARKING ON MUST BE FACING TOWARDS THE INCOMING CURRENT).

⚠ WARNING

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HAZARDOUS VOLTAGE
DISCONNECT ALL ELECTRIC POWER
BEFORE SERVICING. REPAIR DISCONNECTS
BEFORE SERVICING.
FAILURE TO DISCONNECT POWER
BEFORE SERVICING CAN CAUSE
SEVERE PERSONAL INJURY OR DEATH.

⚠ AVERTISSEMENT
VOLTAGE HASARDEUX
DECONNEXION TOUTES LES SOURCES
ELECTRIQUES INQUIANT LES
DISJONCTEURS SITUES A DISTANCE
AVANT D'EFFECTUER L'ENTRETIEN.
LA FAUTE DE DECONNEXION DE LA SOURCE
ELECTRIQUE AVANT D'EFFECTUER
L'ENTRETIEN PEUT ENTRAÎNER DES
BLESSURES CORPORELLES SEVERES ET
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.

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