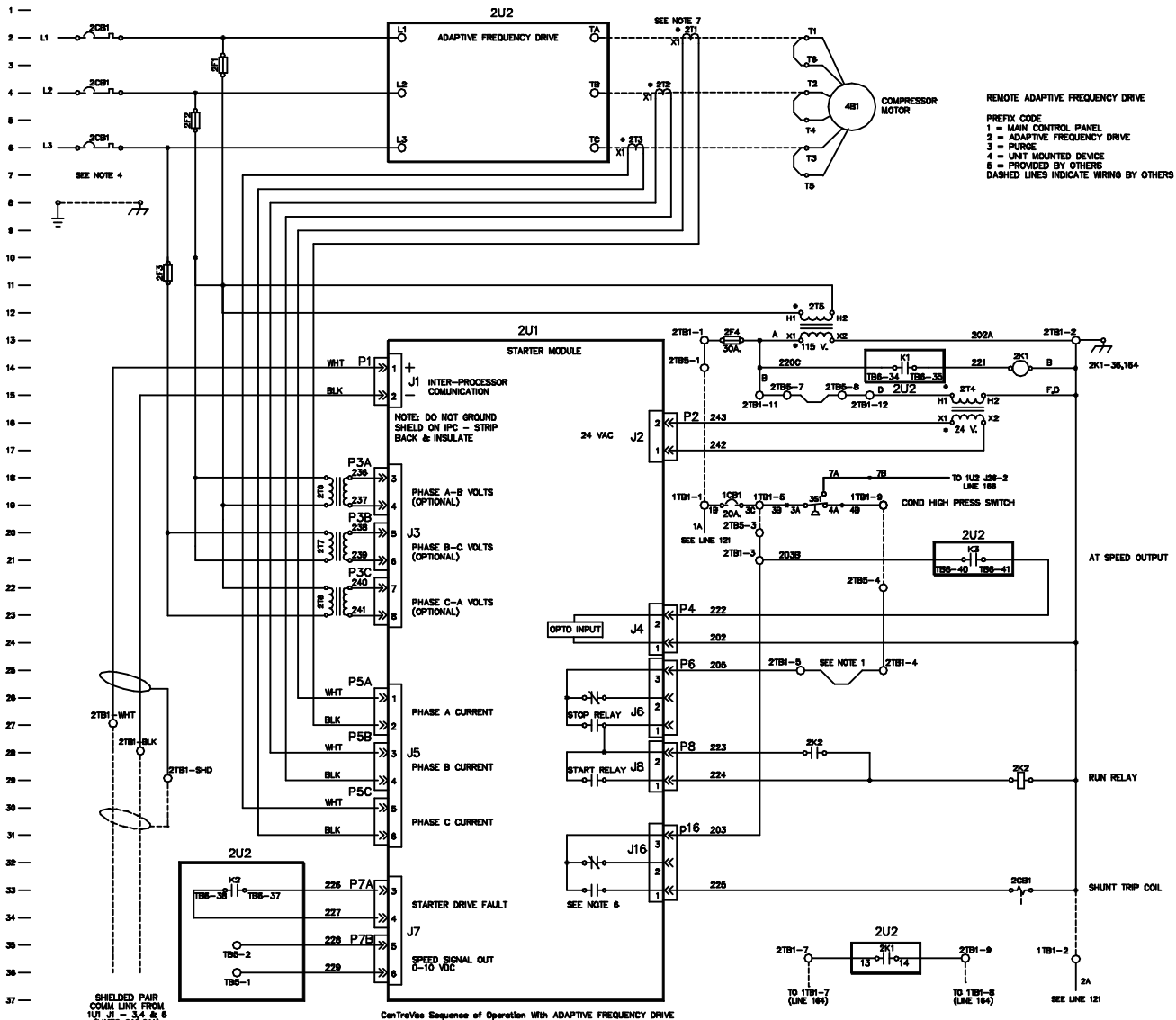
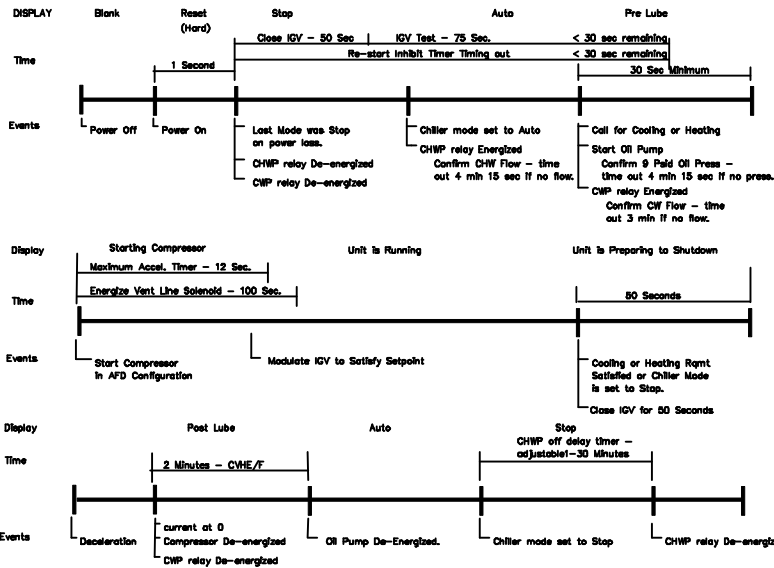




## HERMETIC CENTRIFUGAL LIQUID CHILLER

CENTRAVAC®  
UCP2 SCHEMATIC WIRING CVHE, CVHF, CVHG  
REMOTE ADAPTIVE FREQUENCY™ DRIVE (AFD)DRAWING NUMBER  
2307-5205  
REV  
B

CentraVac Sequence of Operation With ADAPTIVE FREQUENCY DRIVE



- NOTES:
1. Optional Adaptive Frequency Drive (AFD) Interlock. See AFD 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 AFD wiring between AFD and control module are shown. See AFD Manufacturer's Wiring Diagram for Specific AFD 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 (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  
ÉLECTRIQUES INCLUANT LES  
DISJONCTEURS SITUÉS À DISTANCE  
AVANT D'EFFECTUER L'ENTRETIEN.  
FAUTE DE DECONNECTER LA SOURCE  
ÉLECTRIQUE AVANT D'OPÉRER  
L'ENTRETIEN PEUT ENTRAÎNER DES  
BLESSURES CORPORELLES SÈVES  
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.