

LEGEND

- * FACTORY PROVIDED, FIELD WIRED
- ** BY OTHERS
- ^^ REFER TO DETAILS
- ① TERMINAL
- FIELD WIRING
- FACTORY JUMPER OR AUX DEVICE
- 24V POWER
- COMMON
- 24V CONTROL OUTPUT
- 24V CONTROL INPUT
- ALARMDRY CONTACT
- SHIELDED CABLE

GENERAL CONTROL NOTES

- VDC SIGNALS ARE POLARITY SENSITIVE, FAILURE TO OBSERVE POLARITY MAY RESULT IN IMPROPER OPERATION AND DAMAGE TO SENSORS OR OTHER DEVICES.
- SENSOR CONNECTIONS SHOULD USE SHIELDED, MULTI-CORE CABLE WITH 3-5 CONDUCTORS, THE FOLLOWING WIRE SIZES ARE ACCEPTABLE:
 - UP TO 200'; 20 AWG
 - 201' - 350'; 18 AWG
 - 351' - 500'; 16 AWG
- 24VAC AND COMMON TERMINALS CONNECTED VIA CENTRAL JUMPER.
- DISPLAY TERMINAL DOES NOT CONTAIN SENSORS, CABLE FOR CONNECTION IS PROVIDED BY THE FACTORY.
- ALL DEVICES ARE WIRED THROUGH NC CONTACTS AND ALARM ON LOSS OF 24VAC SIGNAL.
- FACTORY INSTALLED JUMPERS MUST REMAIN IN PLACE OR BE WIRED THROUGH THE INDICATED DEVICE.
- VALVES, SCR HEATERS, AND OTHER DEVICES MAY BE FACTORY MOUNTED OR FIELD WIRED, REFER TO YOUR SUBMITTAL FOR MORE INFORMATION.
- FIELD SUPPLIED DAMPERS, VALVES, SOLENOIDS, ETC. MAY NOT BE POWERED FROM UNITS TRANSFORMERS UNLESS SPECIFICALLY NOTED.

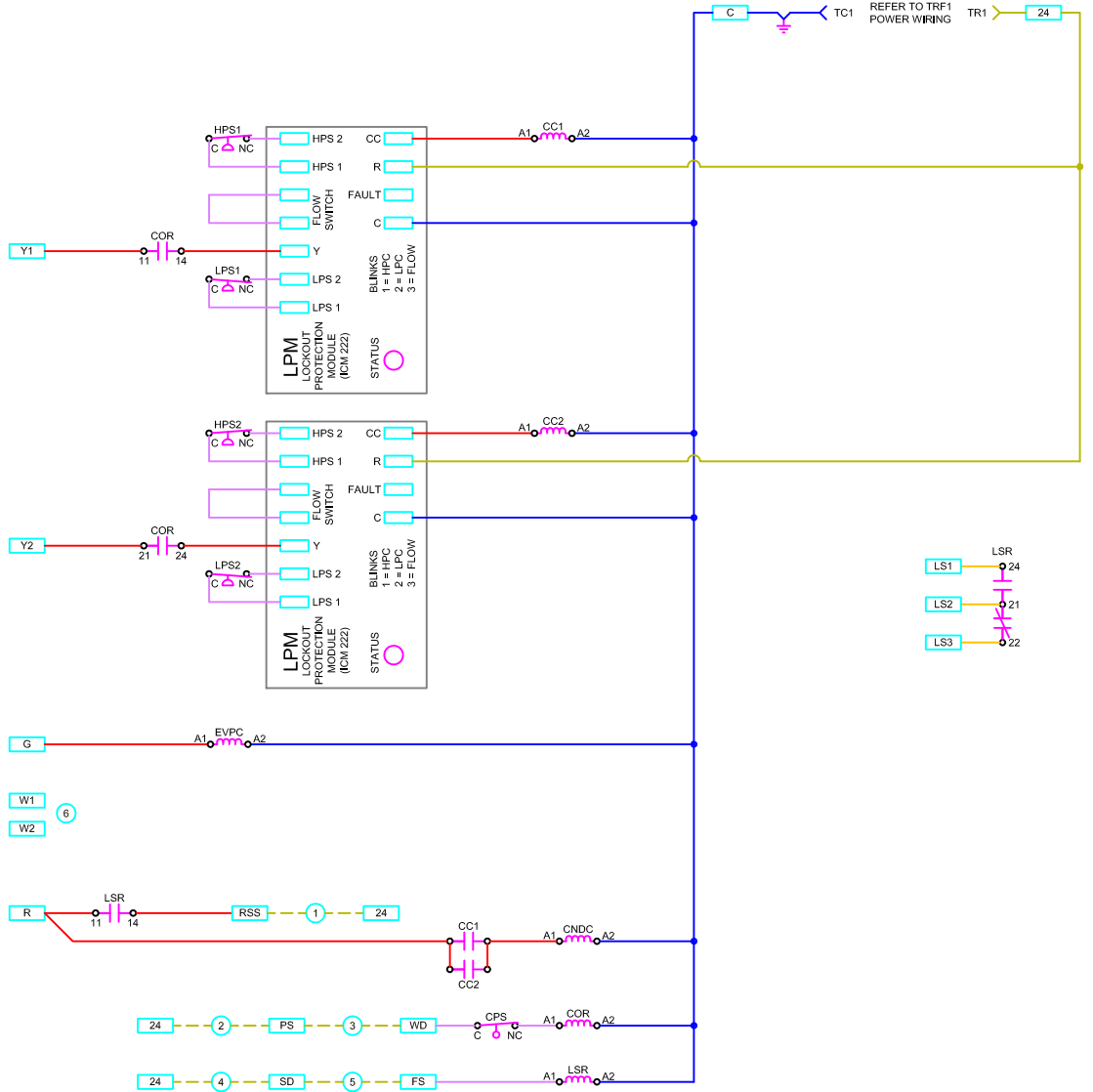
COMMON CONTROL ABBREVIATIONS

- APS AIR PROVING SWITCH
- ASE AIR SIDE ECONOMIZER
- CC# COMPRESSOR CONTACTOR 1,2,...
- CNDC/R# CONDENSER CONTACTOR/RELAY 1,2,...
- CNDV CONDENSER VALVE
- COR CONDENSATE OVERFLOW RELAY
- CPS CONDENSATE PAN SWITCH
- CWV CHILLED WATER VALVE
- DER DAMPER ENABLE RELAY
- DFS DIRTY FILTER SWITCH
- DTS# DISCHARGE TEMPERATURE SWITCH 1,2,...
- DUS# DIGITAL UNLOADER SOLENOID 1,2,...
- EVPC/R# EVAPORATOR CONTACTOR/RELAY
- FCS FAN CYCLING SWITCH
- FCV FREECOOL VALVE
- HGRV HOT GAS REHEAT VALVE
- HGS# HOT GAS SOLENOID 1,2,...
- HCR# HEATER CONTACTOR/RELAY 1,2,...
- HUMC HUMIDIFIER CONTACTOR
- HPS# HIGH PRESSURE SWITCH 1,2,...
- HWV HOT WATER VALVE
- LLS# LIQUID LINE SOLENOID 1,2,...
- LPS# LOW PRESSURE SWITCH 1,2,...
- LSR LIFE SAFETY RELAY
- OHS OVERHEAT SWITCH
- REV# REVERSING VALVE SOLENOID 1,2,...
- STV STEAM VALVE
- TRF# TRANSFORMER 1,2,...
- VFD VARIABLE FREQUENCY DRIVE

SPECIAL CONTROL NOTES

1. REMOTE STOP/START JUMPER, NC SWITCH MUST HAVE MINIMUM 75 VA RATING.
2. WATER LEAK DETECTOR POINT OF CONNECTION, REFER TO WATER LEAK DETECTOR WIRING IF DEVICE IS PROVIDED.
3. CONDENSATE PUMP OVERFLOW SWITCH POINT OF CONNECTION, REFER TO CONDENSATE PUMP WIRING IF DEVICE IS PROVIDED.
4. SMOKE DETECTOR POINT OF CONNECTION, REFER TO SMOKE DETECTOR WIRING IF DEVICE IS PROVIDED.
5. FIRESTAT POINT OF CONNECTION, REFER TO FIRESTAT WIRING IF DEVICE IS PROVIDED.
6. UP TO TWO STAGES OF HEAT (OPTIONAL).
7. FINAL TERMINAL STRIP CONNECTIONS WILL VARY BASED ON OPTIONS ORDERED. DUAL CIRCUIT UNIT SHOWN, AIR COOLED HEAT PUMPS INCLUDE DEFROST CONTROL BOARDS.

SENSOR LEGEND



TERMINAL STRIP SUMMARY ⑦

LS1	LIFE SAFETY RELAY DRY CONTACTS
LS2	
LS3	
24	24 VAC TERMINALS
24	
24	
WD	AUXILIARY INPUT CONTACTS
PS	
SD	
FS	THERMOSTAT CONTACTS
Y1	
Y2	
G	THERMOSTAT CONTACTS
W1	
W2	COMMON CONTACTS
R	
C	
C	COMMON CONTACTS
C	
C	COMMON CONTACTS
C	