

7.3.7 SYSTEM CONTROL Printed Circuit Board Indicator Lamps

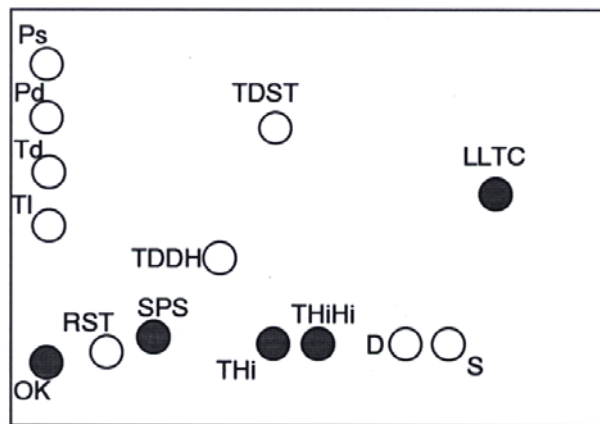


Figure 7-9: SYSTEM CONTROL printed circuit board indicator lamps

●	GREEN LEDs
OK	This lamp is lighted when the contactor is closed.
SPS	<ul style="list-style-type: none"> For models without a buffer unloader cable (550, 660, 670, 1100, 551, 661, and 1101): Upon initial start-up*, the SPS LED is off, the buffer valve is open, and the TDST LED is on. After 14 seconds, the TDST times-out. The SPS LED illuminates once the single pressure switch (SPS) on the discharge line reaches 350 psig (2410 kPa). <p>NOTE: *The SPS LED will stay on if the system is turned off and on again before allowing pressure to drop below 350 psig.</p> <ul style="list-style-type: none"> For models with a buffer unloader cable (552, 662, 672, and 1102): The SPS LED is on and the buffer valve is open whenever discharge pressure exceeds 400 psig (2760 kPa).
THi	This lamp is lighted when the first discharge thermostat is below 275°F (135°C). When THi turns off, TDDH comes on.
THiHi	This lamp is lighted when the second discharge thermostat is below 300°F (149°C). When THi turns off, Td comes on.

○	YELLOW LEDs
Ps	This is the LOW PRESSURE indicator lamp on the SYSTEM CONTROL panel. It is on when the unit has been shut off due to low suction pressure. When Ps comes on, OK turns off.
Pd	This is the HIGH PRESSURE indicator lamp on the SYSTEM CONTROL panel. It is on when the unit has been shut off due to high discharge pressure. When Pd comes on, OK turns off.
Td	This is the HIGH DISCHARGE TEMPERATURE indicator lamp on the SYSTEM CONTROL panel. It is on when the unit has been shut off due to high discharge temperature. When Td comes on, OK turns off.
Tl	This is the HIGH LIQUID TEMPERATURE indicator lamp on the SYSTEM CONTROL panel. It is on when the unit has been shut off due to high LIQUID LINE temperature. When Tl comes on, OK turns off.
RST	This lamp lights while the reset switch on the SYSTEM CONTROL panel is being pressed.
TDDH	This lamp lights and times 40 minutes when the THi lamp turns off. If after 40 minutes THi is still off, TDDH will turn off and Td will turn on.
TDST	This lamp lights when the unit is started and times 14 seconds.
D	This lamp lights when the discharge side of the dual switch is set above the model's specifications (see the following specifications for each model). When D comes on, it triggers Pd to come on. <ul style="list-style-type: none"> • For the 550 HC, 550 LT, 670 HC, and 1100 LT models manufactured prior to Fall 2004: 375 psig (2590 kPa) • For the models (listed above) manufactured from Fall 2005 on and all 1100 HC models: 400 psig (2760 kPa) • For all 1102 HC, 672 HC, and 552 HC models: 415 psig (2790 kPa)
S	This lamp lights when the suction side of the dual pressure switch is below 2 psig (14 kPa). When S comes on, it triggers Ps to come on.