

ALARM INDICATOR

The position transmitter and limit switch auxiliary boards contain an alarm relay. If the actuator is unable to follow the applied control signal, this relay will change state (de-energize). This includes error codes, placing the actuator in LOCAL or SEtUP and loss of power.

The relay on the position transmitter board may be wired in series with the transmitter. In this mode, an alarm would be indicated without an additional pair of wires. The transmitter output would drop to 0.0 mA to indicate an alarm.

On the limit switch board, a red LED indicates the status of the alarm relay. The PCP immediately energizes the relay upon the application of electric power. If the LED is illuminated, it indicates that the unit is in the *Auto* mode and responding to the applied control signal.

SPECIFICATION

Response: 1/2 second of any "fail to operate" condition.

Type: Single Pole, Double Throw (SPDT)

Rating: 1 amp @ 30 Vdc; 0.3 amp @ 120 Vac - resistive

Connection: Terminal strip on the auxiliary board