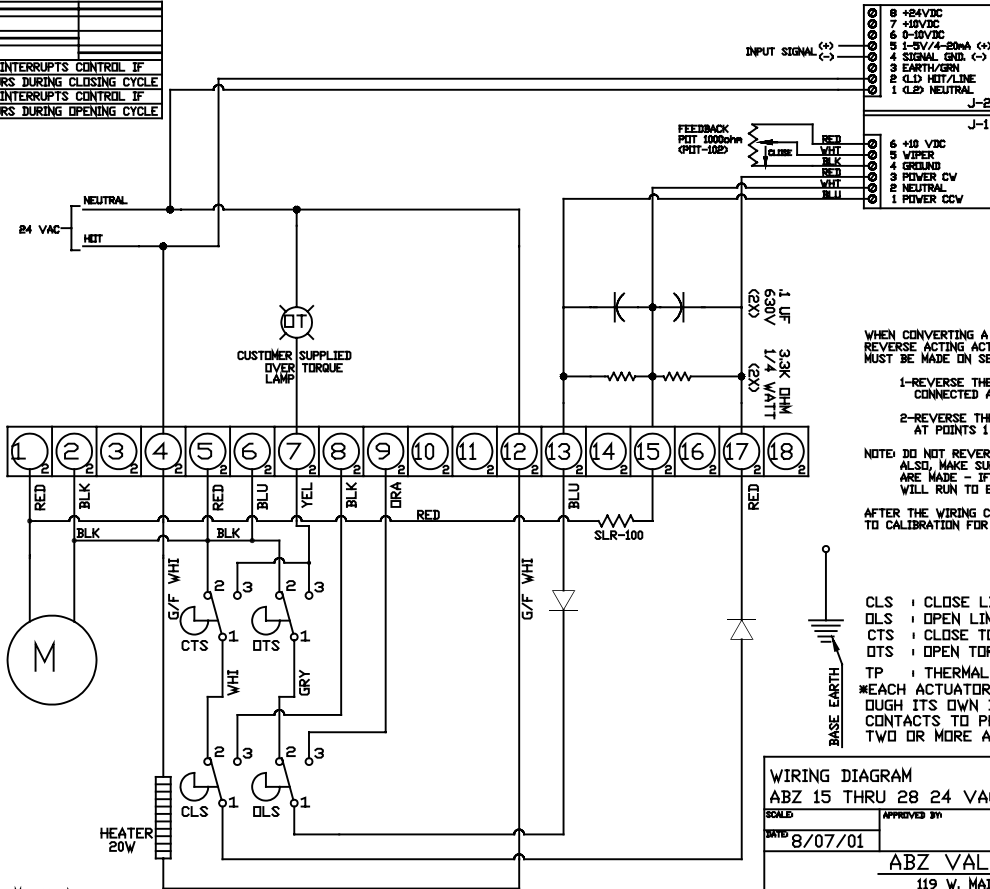


CLOSE OPEN

CLS 1-2		
CLS 1-3		
DLS 1-2		
DLS 1-3		
CTS 1-3	■ CLOSING TORQUE SWITCH INTERRUPTS CONTROL IF MECHANICAL OVERLOAD OCCURS DURING CLOSING CYCLE	
DTS 1-3	■ OPENING TORQUE SWITCH INTERRUPTS CONTROL IF MECHANICAL OVERLOAD OCCURS DURING OPENING CYCLE	



WHEN CONVERTING A DIRECT ACTING ACTUATOR TO A REVERSE ACTING ACTUATOR, TWO CHANGES IN WIRING MUST BE MADE ON SERVO BOARD AT THE J-1 CONNECTOR:

- 1-REVERSE THE FEEDBACK POTENTIOMETER WIRES CONNECTED AT POINTS 4 AND 6.
- 2-REVERSE THE MOTOR OUTPUT WIRES CONNECTED AT POINTS 1 AND 3.

NOTE: DO NOT REVERSE THE INPUT SIGNAL POLARITY. ALSO, MAKE SURE THAT BOTH WIRING CHANGES ARE MADE - IF ONLY ONE IS MADE, THE ACTUATOR WILL RUN TO EITHER FULL OPEN OR FULL CLOSE.

AFTER THE WIRING CHANGES HAVE BEEN MADE, REFER TO CALIBRATION FOR SETTING THE ZERO AND SPAN.

- CLS : CLOSE LIMIT SWITCH (250VAC 6A)
 - DLS : OPEN LIMIT SWITCH (250VAC 6A)
 - CTS : CLOSE TORQUE SWITCH (250VAC 6A)
 - DTS : OPEN TORQUE SWITCH (250VAC 6A)
 - TP : THERMAL PROTECTOR (250VAC 15A)
- EACH ACTUATOR SHOULD BE POWERED THROUGH ITS OWN INDIVIDUAL SWITCH OR RELAY CONTACTS TO PREVENT CROSS FEED BETWEEN TWO OR MORE ACTUATORS

WIRING DIAGRAM		
ABZ 15 THRU 28 24 VAC W/ AMC-101E		
SCALE	APPROVED BY	DRAWN BY EC
DATE 8/07/01	REVISED	
ABZ VALVES & CNTROLS		
119 W. MAIN, MADISON, KS 66860		
DRAWING NUMBER	REV	
16479DRS	-	

— CUSTOMER WIRING