



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

OTS 1-3 OPENING TORQUE SWITCH INTERRUPTS CONTROL IF MECHANICAL OVERLOAD OCCURS DURING OPENING CYCLE

CLS : CLOSE LIMIT SWITCH (250VAC 6A)
 DLS : OPEN LIMIT SWITCH (250VAC 6A)
 CTS : CLOSE TORQUE SWITCH (250VAC 6A)
 OTS : OPEN TORQUE SWITCH (250VAC 6A)
 TP : THERMAL PROTECTOR (MAX. 250VAC 15A)

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.

NOTE : - - - - DENOTES CUSTOMER SUPPLIED ITEM

ABZ 15 THRU 100 WIRING DIAGRAM
W/ LRC-101 SERVO BOARD

SCALE:	APPROVED BY:	DRAWN BY: EC
DATE: 09-11-07		REVISED: 09-11-07

ABZ VALVES & CONTROLS
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