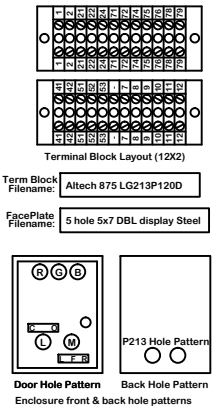
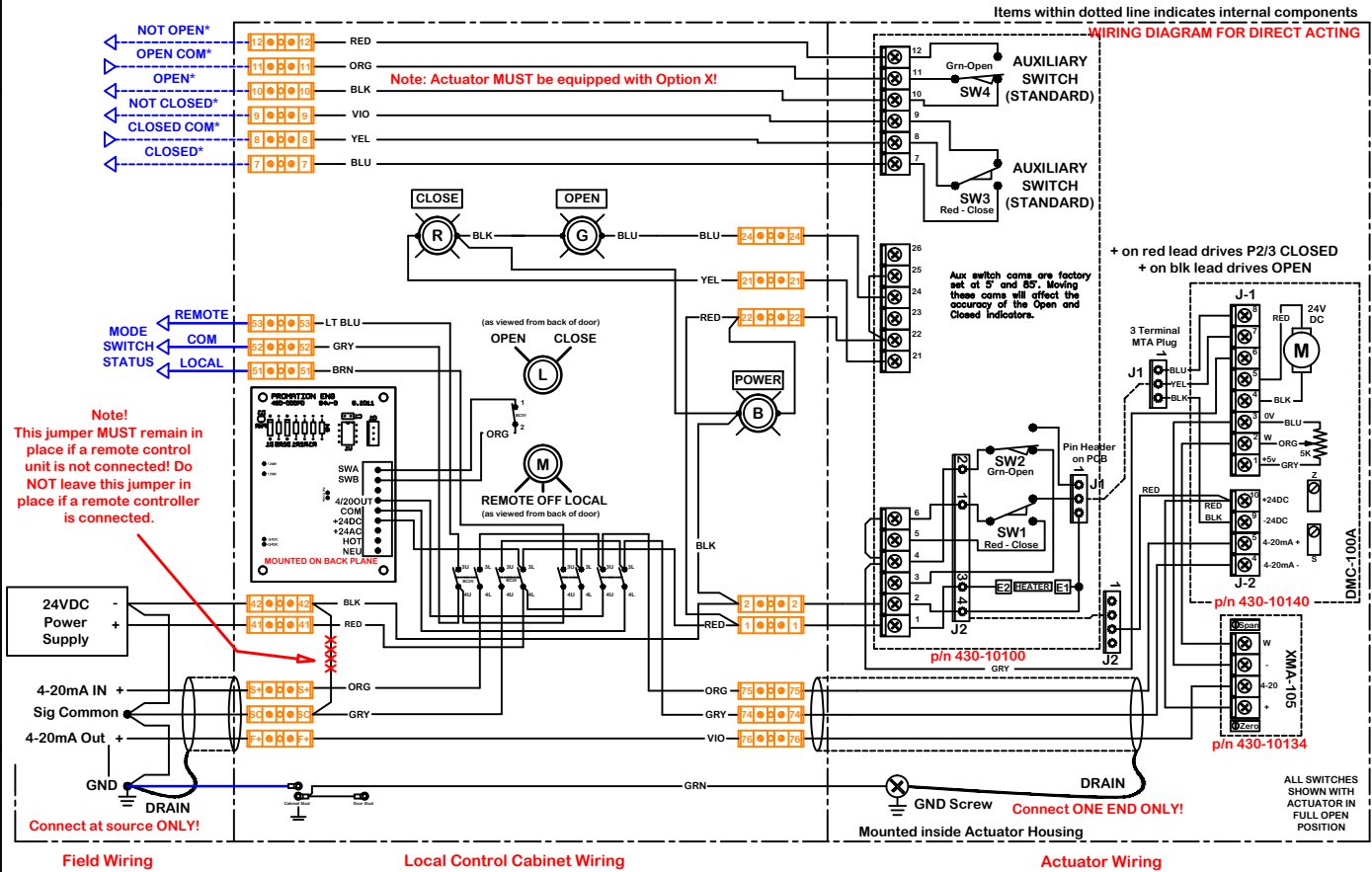


rev	change date	revision	name	date	material no	ind	Wiring Diagram
C	08.24.12	Formating and detail edit	KHL	9/18/2012 10:15 AM	WD 875 LG 213 24D D		
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Wiring Diagram for Local Control Station P2~13 Series 24VDC Modulating Actuators.							
REV							
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- Factory Calibration Steps
1. Actuator in full CLOSED position.
 2. Disconnect BLK motor wire from terminal J1T4.
 3. Connect 24vdc to switch card (+ on 1, - on 2)
 4. Set FB Pot to 0.500 as measured on J1T3 and J1T2 (+)
 5. Reconnect BLK motor wire to J1T4.
 6. Connect 4vdc signal trace.
 7. On DMC-100A, turn ZERO trimmer CW to move AWAY from 0 degree.
 8. Turn ZERO trimmer CW to move CLOSED to 0 degrees.
 9. Turn ZERO trimmer slowly towards CW just until GRN LED stays ON.
 10. Turn SPAN trimmer clockwise until fully OPEN.
 11. On DMC-100A, turn SPAN trimmer CW to move AWAY from 90 degree.
 12. Turn SPAN trimmer CW to move CLOSED to 90 degrees.
 13. Turn SPAN trimmer slowly towards CW just until RED LED stays ON.
 14. Input 20vdc signal to the actuator and wait for full (90) position.
 15. Adjust ZERO trimmer on XMA-105 to read 4vdc at XMA (-) & (+-20).
 16. Input 20vdc signal to the actuator and wait for full (90) position.
 17. Adjust SPAN trimmer on XMA-105 to read 20vdc at XMA (-) & (+-20).
 18. Return actuator to full CLOSED position before shipping.



- Notes:
- THIS IS AN 8X6X6 ENCLOSURE!
- Specify Control:
- 4-20mA Control
 - 2-10vdc Control
- Use this solution for:
- P2~13 Series
 - Use LF for: P1, PA & PL Series

Actuator ships in fully closed position!

Use For: **OPT LCS LG P2~13 P/S/F 24D D/R**

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ProMation Engineering, Inc.
16138 Flight Path Drive
Brooksville, FL 34604
Ph:352-544-8436 Fx(352-544-8439)