



NOTES:

1. MOTORIZED CONTROL VALVE (BELIMO ACTUATOR AMX24-MFT, GMX24-MFT, OR GKX24-MFT Powered Open, Powered Close). PACKAGED WITH OPEN END SWITCH. AMX24-MFT & GMX24-MFT ARE FAIL-IN-PLACE. GKX24-MFT INCLUDES ELECTRONIC FAILSAFE (CAPACITOR).
2. MOTORIZED CONTROL VALVE ELECTRICAL REQUIREMENTS: 24VAC±20%/24VDC±10%
3. USE 16 AWG FOR ALL WIRING.
4. WHEN THE ROTATION SWITCH IS POINTED TO "1" AND POWER IS APPLIED TO WIRE#3, THE ACTUATOR ROTATES COUNTER CLOCKWISE TO THE CLOSE POSITION.
5. OPEN END SWITCH MUST CLOSE WHEN VALVE OPENS. THIS WILL CLOSE THE DELAYED INTERLOCK IN THE I/O BOX AND ALLOW THE BOILER TO FIRE.
6. OPEN END SWITCH MUST OPEN WHEN VALVE CLOSSES. THIS WILL OPEN THE DELAYED INTERLOCK AND PROHIBIT THE BOILER FROM FIRING.
7. BELIMO AM/GM/GK ACTUATORS OPEN IN 90 SECONDS. THE AUX START ON DELAY PARAMETER IN THE C-MORE MUST BE PROGRAMMED FOR A MINIMUM OF 100 SECONDS. THE DELAYED INTERLOCK MUST BE CLOSED BEFORE THIS TIME LAPSES, OTHERWISE, THE BOILER WILL LOCKOUT AND GO TO A FAULT.
8. THE PUMP DELAY TIMER IN THE C-MORE MUST BE PROGRAMMED (RECOMMENDED: 2 MINUTES MINIMUM). THIS KEEPS THE VALVE OPEN TO DISSIPATE HEAT UNTIL THE PROGRAMMED TIME LAPSES.

AERCO INTERNATIONAL, INC. BLAUVELT, NY 10913		
MOTORIZED POWER OPEN/CLOSE CONTROL VALVE (BELIMO AM/GM/GK ACTUATOR) WIRING DIAGRAM -BMK PUMP RELAY OPTION		
DWN. BY <u>CZ</u> DATE <u>050611</u>		REV.
SCALE <u>NTS</u>		SD-A-863 B
APPD. _____ DATE _____		