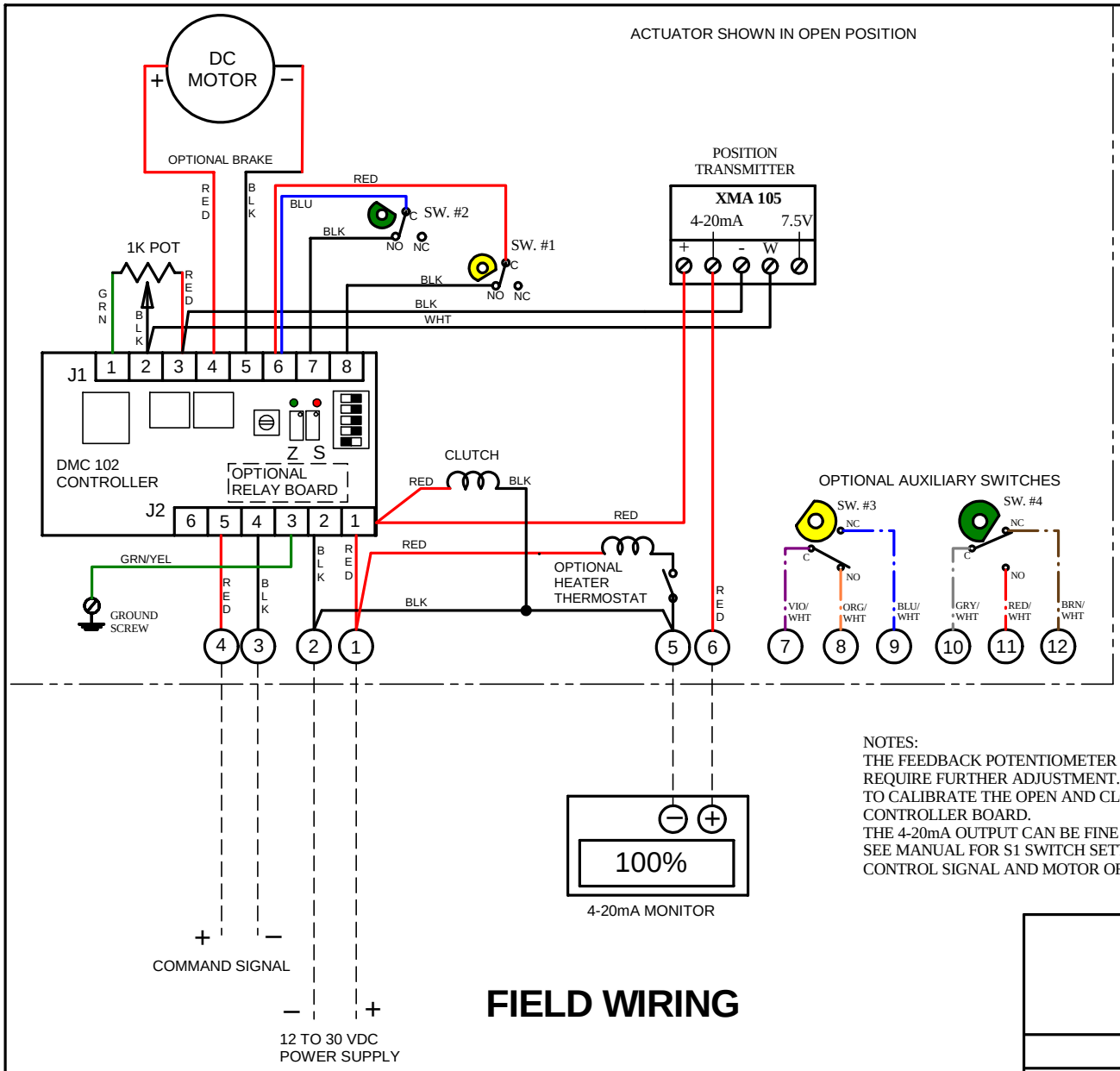
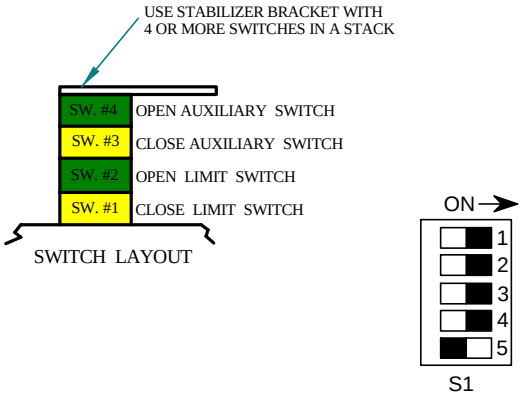



# FIELD WIRING

| | | | |
|---|---|---|---|
| 1 | ADDED OPTIONAL BRAKE | 30APR14 | WJR |
| 2 | REDRAWN NEW VP BD/ADDED SWITCH | 27JUN16 | WJR |
| 3 | REMOVE OPTIONAL BRAKE | 20JUN23 | DJB |




LOSS OF SUPPLY WILL SHUT OFF POWER TO THE CLUTCH AND CAUSE THE ACTUATOR TO BE SPRING DRIVEN TO THE FAIL POSITION. UPON RETURN OF SUPPLY POWER THE ACTUATOR WILL AUTOMATICLY RETURN TO THE POSITION THE CONTROL SWITCH DESIGNATES.

DO NOT MOTOR DRIVE ACTUATOR INTO MECHANICAL STOP, OUTPUT PINION WILL BE DAMAGED.

**THIS IS A FAIL-SAFE ACTUATOR DO NOT USE IN CONTROL TYPE APPLICATIONS**

NOTES:
THE FEEDBACK POTENTIOMETER AND LIMIT SWITCHES HAVE BEEN SET AT THE FACTORY - THEY DO NOT REQUIRE FURTHER ADJUSTMENT.
TO CALIBRATE THE OPEN AND CLOSE POSITION, USE THE ZERO (4mA) AND SPAN (20mA) POTS ON THE CONTROLLER BOARD.
THE 4-20mA OUTPUT CAN BE FINE TUNED USING THE ZERO AND SPAN POTS ON THE TRANSMITTER BOARD.
SEE MANUAL FOR S1 SWITCH SETTINGS. SETTINGS ABOVE ARE FOR NORMAL CONTROL FUNCTION, 4-20mA CONTROL SIGNAL AND MOTOR OFF IF COMMAND SIGNAL IS LOST (STANDARD).

ICI Indelac Controls, Inc.
Florence, Ky. 41042

WIRING DIAGRAM, DC ASC SPRING RETURN ACTUATOR WITH CLUTCH, 4-20mA POSITIONER, TRANSMITTER, OPTIONAL HEATER & 2 AUXILIARY SWITCHES

**W120716**

WJR | 16JUL12