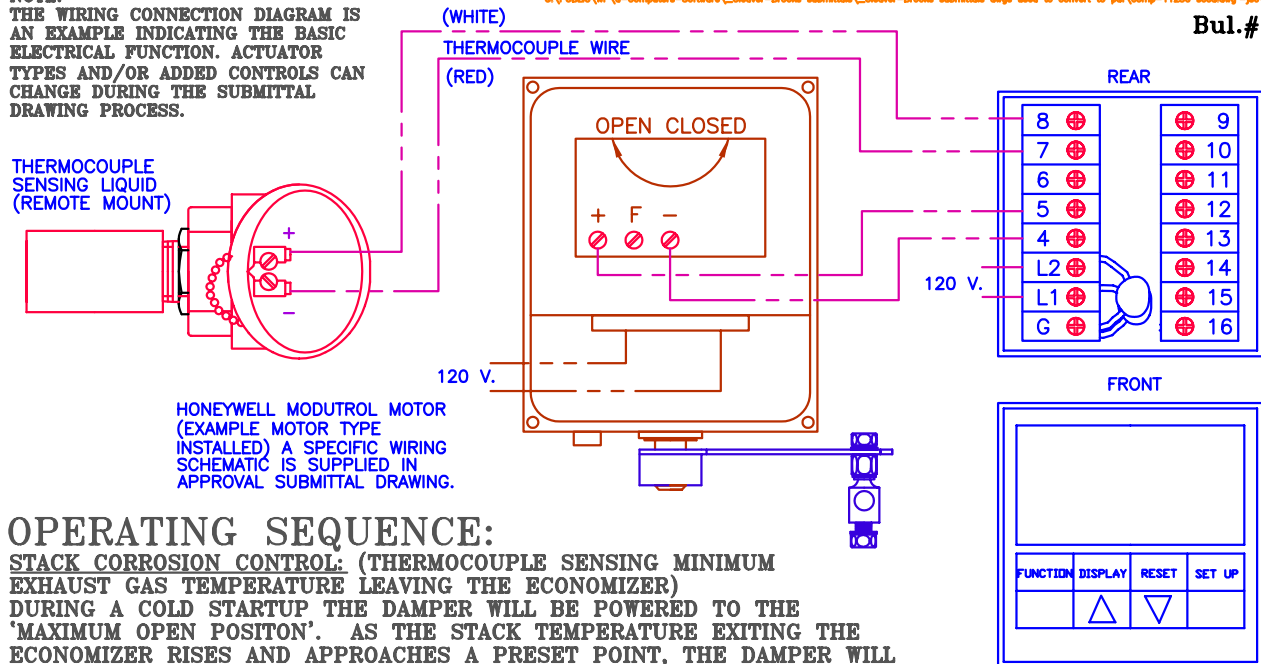


## STACK CORROSION CONTROL ASSEMBLY

**NOTE:**  
THE WIRING CONNECTION DIAGRAM IS AN EXAMPLE INDICATING THE BASIC ELECTRICAL FUNCTION. ACTUATOR TYPES AND/OR ADDED CONTROLS CAN CHANGE DURING THE SUBMITTAL DRAWING PROCESS.

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### OPERATING SEQUENCE:

**STACK CORROSION CONTROL:** (THERMOCOUPLE SENSING MINIMUM EXHAUST GAS TEMPERATURE LEAVING THE ECONOMIZER)  
DURING A COLD STARTUP THE DAMPER WILL BE POWERED TO THE 'MAXIMUM OPEN POSITION'. AS THE STACK TEMPERATURE EXITING THE ECONOMIZER RISES AND APPROACHES A PRESET POINT, THE DAMPER WILL BEGIN TO CLOSE TO THE 'NORMAL OPERATION POSITION'. AS THE PERCENT OF EXHAUST LOAD CONDITIONS FLUCTUATE TO LOWER OUTPUTS, THE DAMPER ACTUATOR WILL OPEN ACCORDINGLY TO MAINTAIN A MINIMUM PRESET OUTLET 'TEMPERATURE CONTROL POSITION'.

