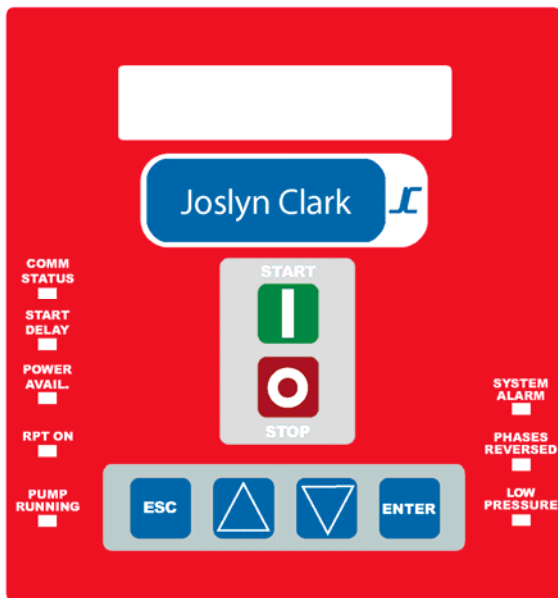


Joslyn Clark Service Information – PMR / LRD



HMI - Human Machine Interface Display

PMR – Locked Rotor Detector

Programming Information for Replacement PMR / Locked Rotor Detector.

When replacing the PMR/LRD, there are some presets that need to be checked and adjusted for your application before starting your controller.

1. Press the ESC key on the HMI Display. This should take you to the Real Time menu.
2. Press the UP ARROW key twice and that should bring you to the Factory Setpoints menu. Press ENTER.
3. Enter Password 5211 by pressing and holding Up or Down arrow keys. When 5211 shows in display, Press ENTER.
4. Use the Up and Down Arrow Keys to scroll through the menu items until you see the Locked Rotor Current Trip entry Screen. Press ENTER to bring up < XXXX > around the number. Enter the number supplied by Joslyn Clark Factory. If Factory is not available, Go to the motor and find FLA. Multiply FLA X 4 = LR Trip. Enter this number and then Press ENTER to save.
5. Use the Down Arrow Key to scroll to Current Multiplier. If you do not have outboard Current Transformers (CT's), then confirm "1" is entered in the data. If you do have outboard CT's, then calculate the multiplier from the CT Ratio marked on the CT's. (example, 300:5 would be $300/5 = 60$). The number to enter is 60. Follow the same procedure described in step 4 to make changes then press Enter to save.

6. Use the Down Arrow Key to scroll to **OVERCURRENT TRIP PERCENTAGE**. Press Enter to activate <XXXX> then enter "125" and press Enter to save.
7. Use the Down Arrow Key to scroll to **NOMINAL VOLTAGE**. Press Enter and then use the Up and Down Arrow keys to display Nominal Voltage applied. 200, 230, 460 are examples. When set press Enter to save.
8. Use the Down Arrow Key to scroll to **Voltage Multiplier**. If you do not have Potential Transformers (PT's), then confirm "1" is entered in the data. If you do have PT's, then calculate the multiplier from the PT Ratio marked on the PT's. (example, 4160 Primary and 120 Secondary would be $4160/120 = 35$). The number to enter is 35. Follow the same procedure described in step 4 to make changes then press Enter to save.
9. When Complete, Press ESC, then DOWN arrow two times. You should be at **REAL TIME VALUES** menu. If you wait for 1 minute, the display will go to its default setting of pressures.
10. Your changes have now been completed be sure to Turn off the Incoming power wait 5 seconds and Turn Power On. This allows the board to read all new settings.
11. If you have Problems or need assistance, please contact Danaher Customer Service at 800-476-6952 and follow the prompts for Service.

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