IQ 1000 Instruction Manual Addendum

Observe this addendum on all IQ 1000s installed in 240 VAC applications. This section should be disregarded if your IQ 1000 is powered with 120 VAC.

The following changes/additions should be appended to paragraph 5.2 of the IQ 1000 manual.

5.2 Wiring-General

* If 240 VAC control power is being used, jumper the terminals according to the terminal label (jumper pins 5 and 6 together). During startup, apply 240 VAC control power across terminals 4 and 7. (For startup, refer to Section 6).

* The wiring diagram on page 61 of TD 17194 demonstrates how to disable the Incomplete Sequence for 240 VAC applications. To engage the Incomplete Sequence jumper terminals 6 (or 5) and 10 together with a second jumper tied across terminals 7 and 9. This configuration supplies 120 VAC across the Incomplete Sequence contacts 9 and 10. To use the Remote Trip/Reset feature, 120 VAC must be applied across the contacts. The Remote Trip/Reset feature will not operate properly if 240 VAC is used.

* In order to utilized the Alarm, Bell, Trip or Transition relays (NO/NC dry contacts) on the IQ 1000, 120 VAC must be applied. The contacts will not operate properly if 240 VAC supplied across the relays.

Addendum to IQ-1000 Instruction Manual (TD 17194)

New Features of Software Version C2/C3

- Instantaneous overcurrent protection disable
- Programmable resets on operations count and run time
- Triple storage of operations count and run time for increased reliability
- Speed increase in the INCOM communications driver
- Contains new INCOM standard buffer for reduced transactions on network

Description of New Set Points

8.4.0 INSTANTANEOUS OVERCURRENT DISABLE- The instantaneous overcurrent (IOC) can be disabled for applications where current in excess of 1200% of full load amps can occur in normal operation.

The display will toggle between the following two messages:

IOC ON IOC OFF

If the IOC OFF message is left displayed when leaving program mode, the IOC set points will be ignored and an IOC trip will never be acknowledge.

This set point is between #9 GFRD and #10 IOC in Table 8.B Set Point Record Sheet.

8.13.2 OPERATIONS COUNTER RESET - The operations count can be reset to zero from the program mode. If the RST OCNT message is displayed last while in program mode, the operations counter will be set to zero when the key switch is placed in the run mode.

The display will toggle between the following two messages:

OP COUNT RST OCNT

This set point is between #27 T/ST and #28 TRNC in Table 8.B Set Point Record Sheet.

8.13.3 RUN TIME RESET - The run time can be reset to zero from the program mode. If the RST RT message is displayed last while in the program mode, the run time will be set to zero when the key switch is placed in the run mode.

The display will toggle between the following two messages:

RUN TIME RST RT

This set point is between #27 T/ST and #28 TRNC in Table 8.B Set Point Record Sheet.