

## Technical Bulletin #18

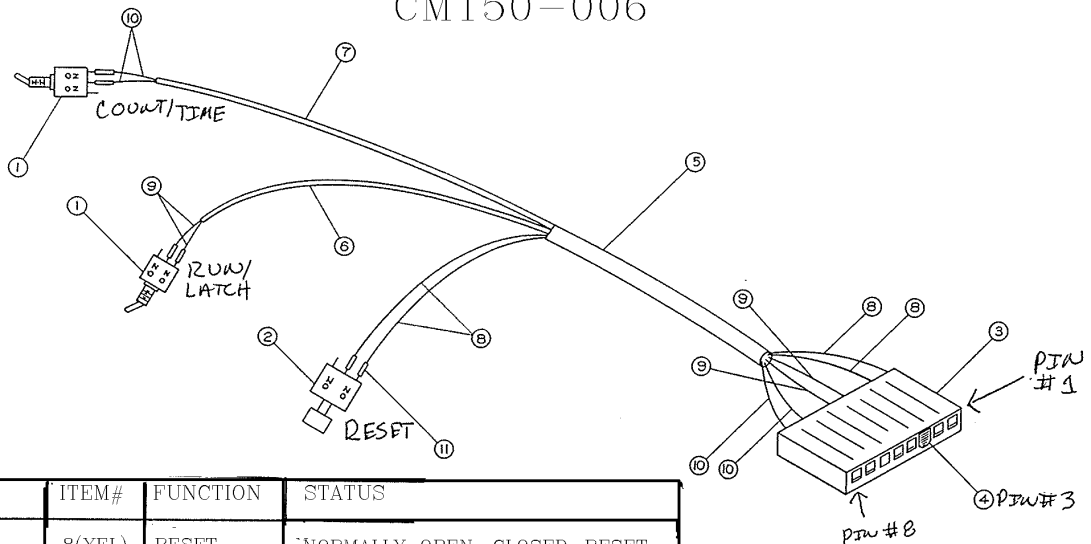
**To:** Coulometrics Support Personnel  
**From:** Engineering Dept.  
**Date:** 08-16-04  
**Subject:** Evaluation of CM150-006 Wiring Harness CM5011/CM3200

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### Procedure for checking out Wiring Harness CM150-006

1. Turn off the CM5011 Coulometer.
2. Open the right side panel ( relative to the front of the instrument ) and locate the CM110-017 Microprocessor PCB. This is the top PCB on the CM5011 instrument.
3. Un-plug the wiring harness CM150-006 by lifting the plug from the P2 connector of the CM110-017 P.C.B. This connector is in the extreme front right corner of the board( relative to the front of the instrument ).
4. Using an Ohm meter and standard techniques for continuity testing, evaluate the switch functions as described in attached drawing. The contact resistance of a closed switch assembly is typically .3 ohms when closed. The resistance should be infinite when open.
5. Reverse the steps above to plug the cable assembly back on the unit.

### RESET & TOGGLE SWITCH ASSY. CM150-006



PINS	ITEM#	FUNCTION	STATUS
1,2	8(YEL)	RESET	NORMALLY OPEN, CLOSED=RESET
4,5	9(RED)	RUN/LATCH	OPEN=LATCH, CLOSED=RUN
7,8	10(BRO)	COUNT/TIME	OPEN=COUNT, CLOSED=TIME
3,6	BLANK	NOT USED	