



## Test Procedure for the MET Control Tester and ABB RTA w/ the Single Phase Adapter

### SETUP:

1. If the control is connected to the recloser, disconnect the 24 pin connector from the bottom of the PCD control.
2. Connect the supplied amphenol control cable from the Recloser Test Adapter (RTA) to the MET.
3. Connect the supplied 24pin connector to the PL1/VR3S terminal and to the bottom of the control cabinet.
4. Connect the supplied DC connector to the “Auxiliary 24VDC/OUT” on the RTA and the SINGLE PHASE TEST ADAPTER (SPTA) “Power In 24VDC”.
5. Place either an ammeter or the supplied banana jumper between the “External Ammeter” terminals.
6. Place the SIMULATOR/NORMAL switch in NORMAL, and the 10 AMPS/ NORMAL switch in NORMAL.
7. Plug in the transformer power supply for the RTA and the AC plug for the MET. Power on the MET and RTA. Power LEDs and LEDs on SPTA should illuminate.

### TESTING:

#### To test A phase:

1. Place the MET in the A position and dial in the desired current.
2. Place the RTA in the A position.
3. Place the SPTA in A phase position.
4. Calibrate and Test with the MET.

#### To test B phase:

1. Place the MET in the B position and dial in the desired current.
2. Leave the RTA in the A position.
3. Place the SPTA in B phase position.
4. Calibrate and Test with the MET.

#### To test C phase:

1. Place the MET in the C position and dial in the desired current.
2. Leave the RTA in the A position.
3. Place the SPTA in C phase position.
4. Calibrate and Test with the MET.

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General Notes on the use of the RTA:

1. If there is no jumper or ammeter on the EXTERNAL AMMETER jacks, the system will not measure properly.
2. In Calibrate mode, after the PCD trips, the control will go into breaker failure mode, indicating that current is still flowing in an open breaker. This is no problem and will cease once the current is turned off after calibration is completed.
3. Note that the PCD with OVR or VR recloser system has a fixed ratio of 600:1. Therefore, when 1 amp is injected by the MET, this will be seen as 600 amps by the control.
4. After closing the control (before and between tests) you will need to wait the “Reset Time” as set in the protection settings before performing an additional test. Else, the unit will return to lockout in one shot mode.
5. Download the Fault Records from PCD for test documentation purposes. The Fault Records contain the faulted element, relay & clear times, and fault magnitude.

Call 1-800-929-7947 x 5 or +1-407-732-2000 x 2510 for any other questions you may have.

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Instructions  
1VAL264219-HT  
Rev. A  
November 5, 2008