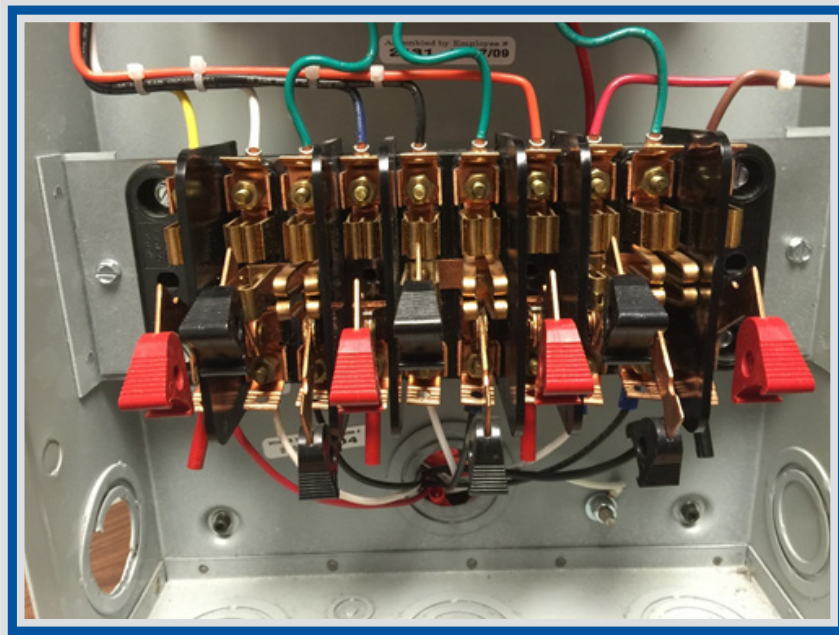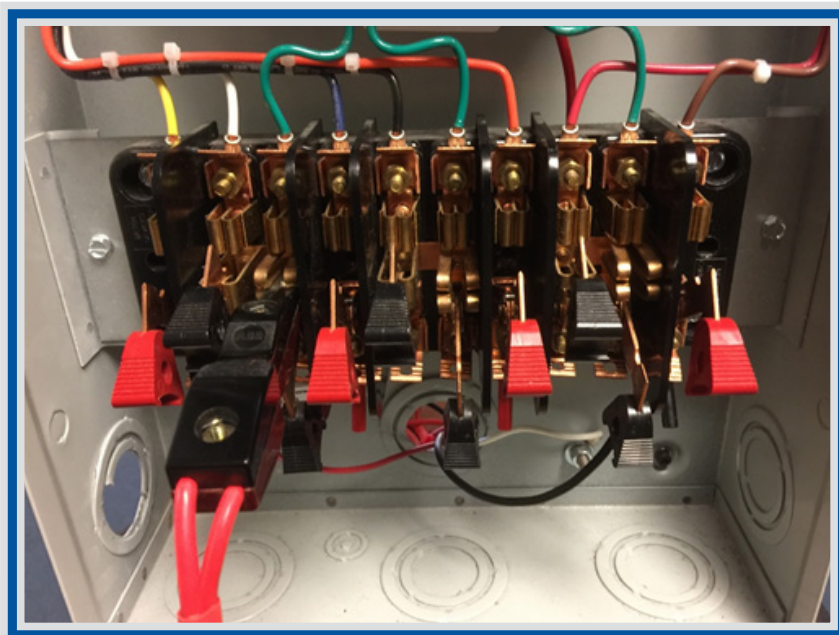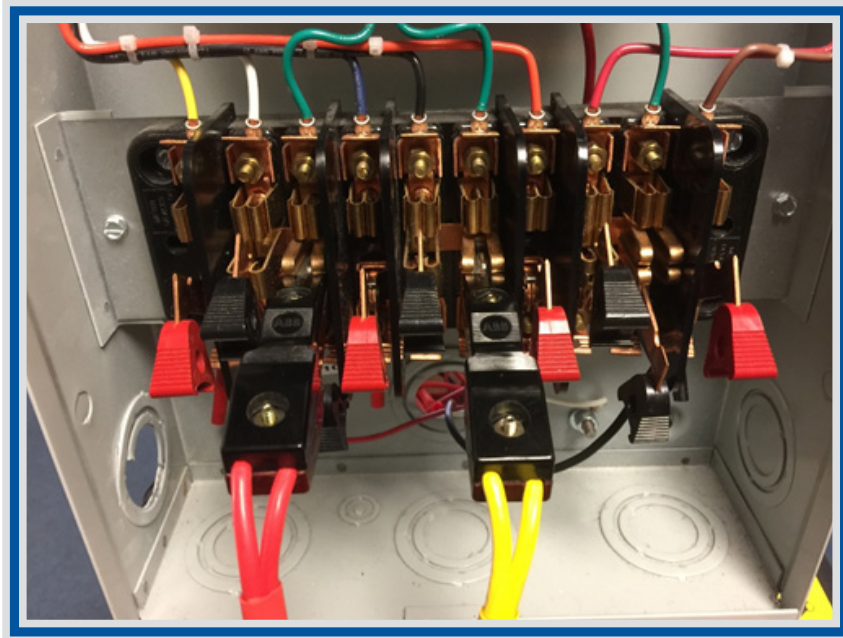# Application Note

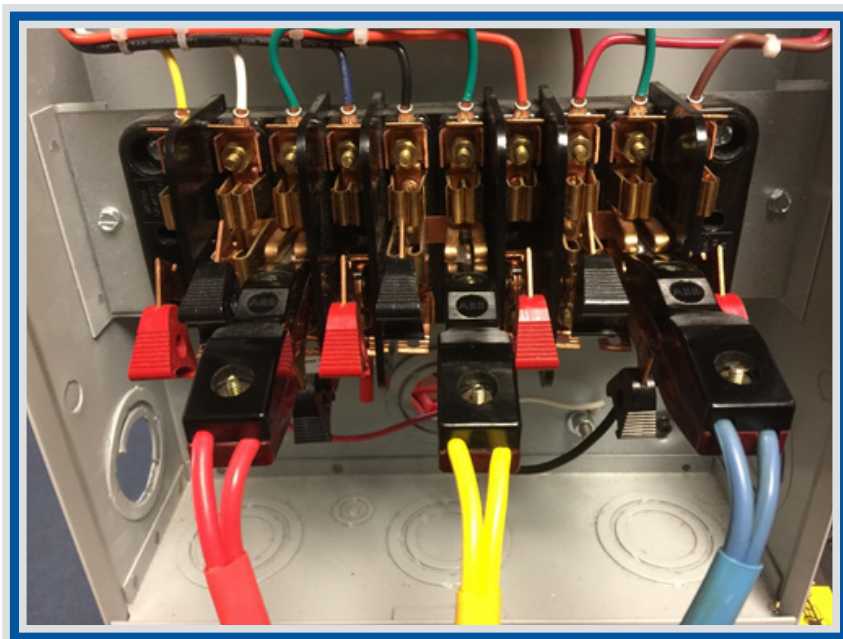## Connecting the RB-MTA-DB to a meter socket

First open all test switches to ensure meter is isolated and CT are shorted. Keep in mind your test switch may have different connections than the test switch shown in the picture. Have a clear understanding of the voltage and current connections before connecting RB-MTA-DB to test switch. Also use PPE as required per your organization.
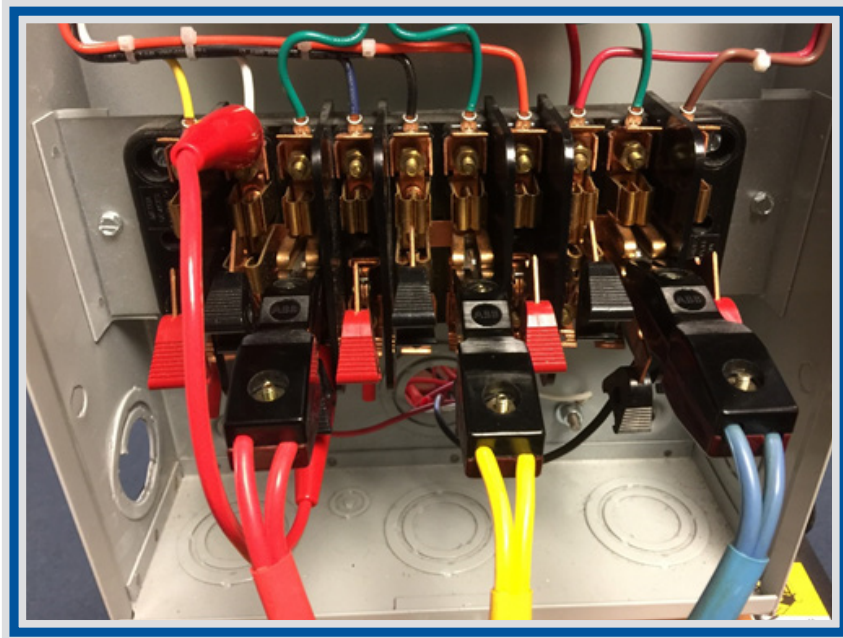

Install the red A phase duckbill into A current return on the test switch. Make sure the black side of the duckbill connector is facing towards the meter.

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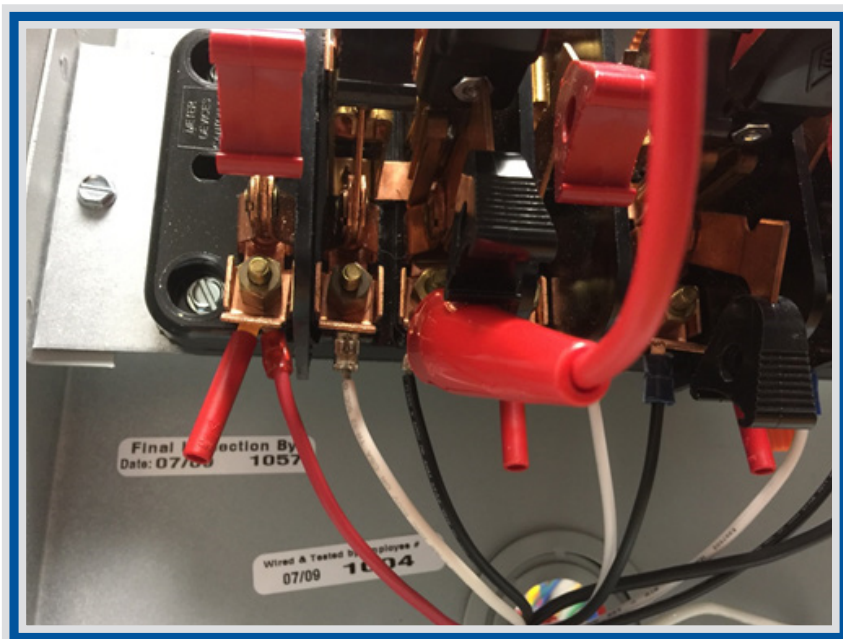
Install the yellow B phase duckbill into B current return on the test switch. Make sure the black side of the duckbill connector is facing towards the meter.
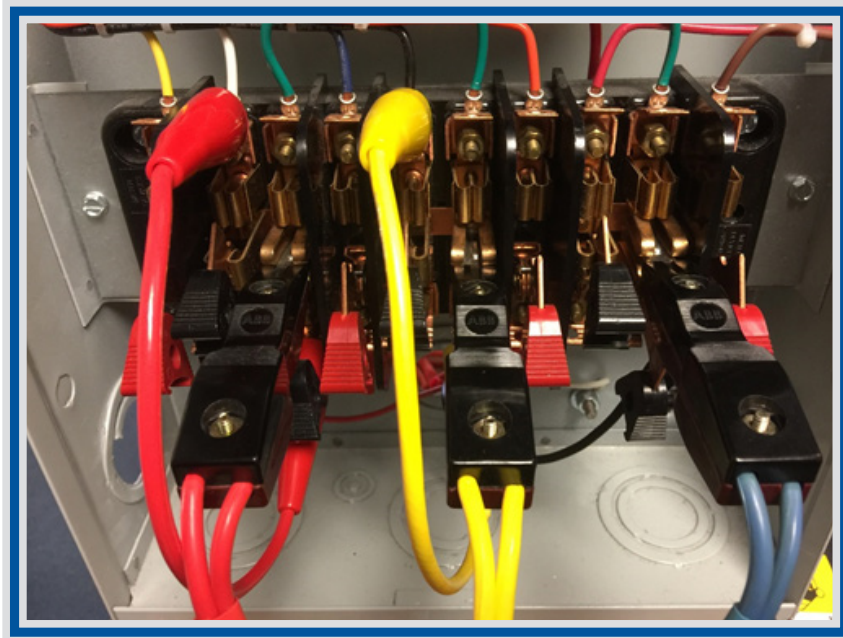

Install the blue C phase duckbill into C current return on the test switch. Make sure the black side of the duckbill connector is facing towards the meter.

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Install the red current jumper from the bottom of the A phase current return terminal to the top of the A phase current input terminal.

View of bottom of current return terminal.

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Install the yellow current jumper from the bottom of the B phase current return terminal to the top of the B phase current input terminal.

Install the blue current jumper from the bottom of the C phase current return terminal to the top of the C phase current input terminal.
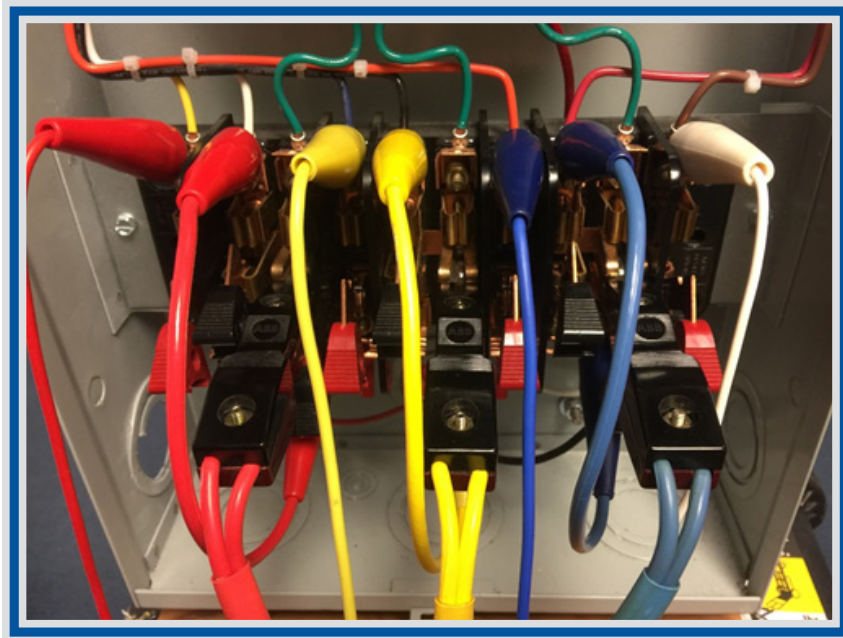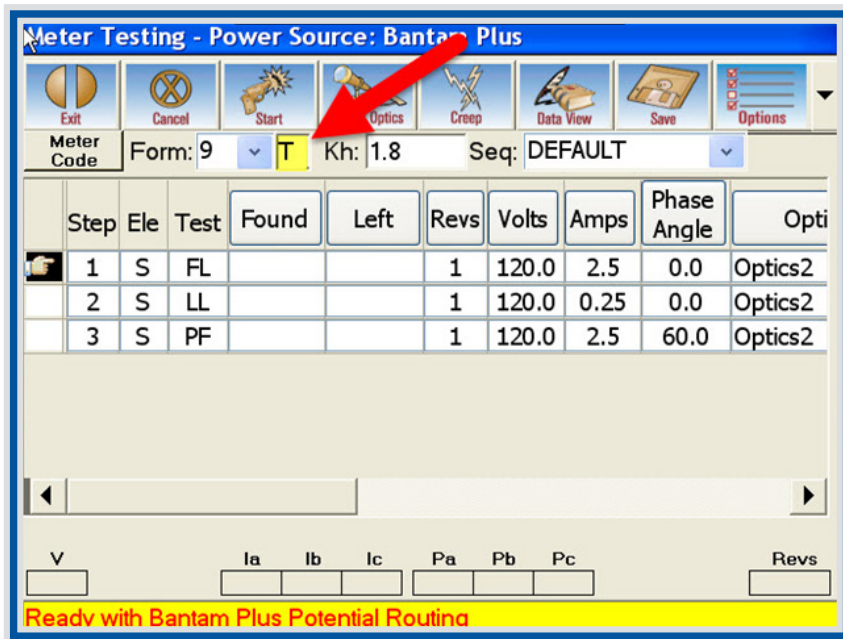
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Connect the fused leads to the top side of A, B, and C voltage terminals. Connect the neutral wires to the top side of the neutral terminal in the test switch.

In the Winboard Embedded Software, T base must be selected in the Meter testing window. This ensures voltage and current are routed to the correct points in socket for the MTA adapter.

Radian Research, Inc.
www.radianresearch.com

3852 Fortune Drive
Lafayette, Indiana 47905

phone 765-449-5500
fax 765-448-4614

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