



**Power Products Medium Voltage
North America**

Breaker Test Cabinet Installation and Operation Manual



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1 SCOPE/INTRODUCTION

This procedure applies to ABB switchgear Breaker Test Cabinet installation and operation at the customer site.

2 DISCLAIMER

This document was created with the intent of providing a general instruction guide. Models shown in this document may not match exactly with the product you received.

3 SAFETY PRACTICE

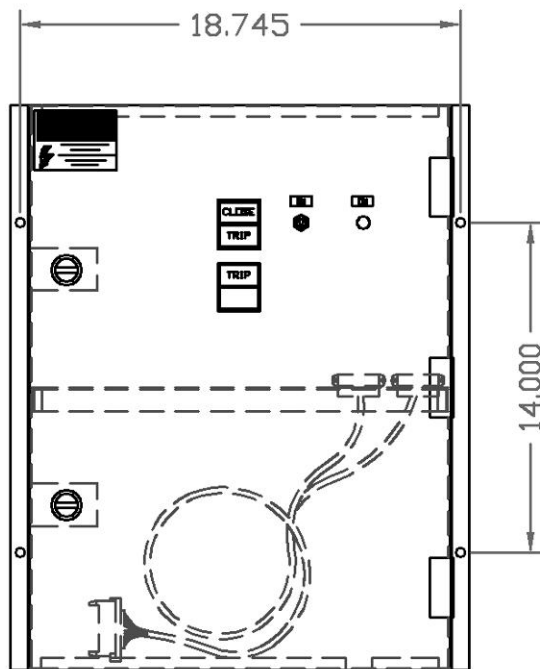
Safety glasses, gloves, and steel toe shoes should be used as standard safety practice.

4 INSTALLATION

The Breaker Test Cabinet weighs 35 lbs and exact dimensions can be found in drawing 92532001.

1. Locate a wall to mount the Breaker Test Cabinet. You can use concrete, brick, or wooden wall. However the wall has to be strong to hold the Test cabinet.
2. Use a proper size drill bit to drill 4 holes in the shown locations. (You can also prop the Test Cabinet against the wall and use a pin to mark the hole locations)

For wooden wall installation make sure all holes are drilled on studs.



3. Prop the test cabinet against the holes and align until all the holes you drilled on the wall are aligned with the existing holes on the Test Cabinet.
4. Use four 1/4" concrete screws to fasten the Test Cabinet to a concrete or brick wall. Use four 1/4" wood screws to fasten the Test Cabinet to a wooden wall.
5. Make sure that your installation is sturdy enough to hold the Test Cabinet before you fully let go.

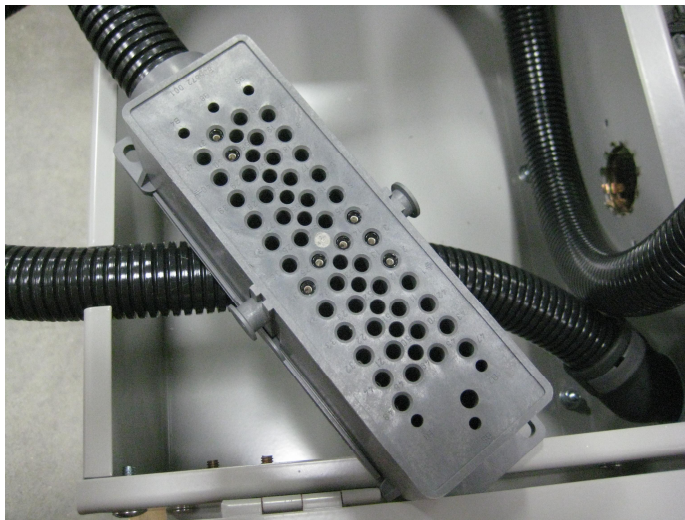
5 OPERATION

- 1- Place the breaker to be tested in close proximity to the Test Cabinet.
- 2- Open the door to the Test Cabinet and locate the test cable.
- 3- Connect test cable to breaker secondary

Notice the test cable inside the circle.

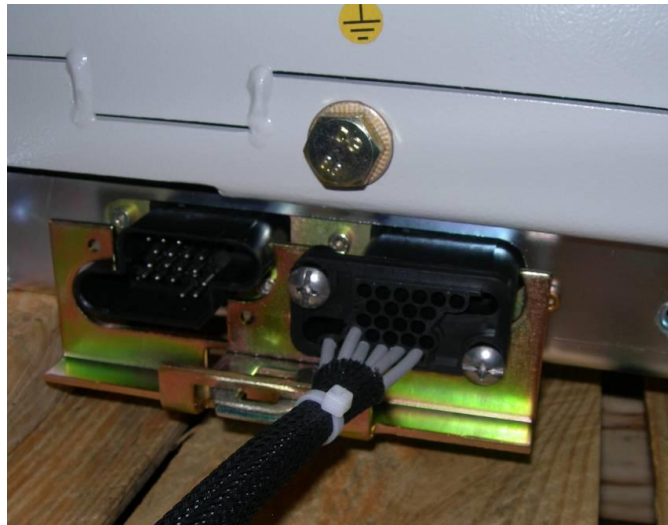


- 4- For ReliaGear ND use the following test cable provided:



Connect the Test Cabinet to the back of the breaker using the test cable.

Make sure that the ON switch on the Test Cabinet is on the OFF position



For ReliaGear ND attach test cable to breaker at secondary pin plug connection shown below:



- 5- Flick the ON switch to the ON position



- 6- Wait for the breaker to charge.

For AMVAC breakers wait for the light to turn solid and stop flickering

For ADVAC breakers wait for the motor sound to stop and till you hear a clicking sound

- 7- Close the breaker by clicking the "Close" button on the Test Cabinet.



- 8- Trip the Breaker by clicking the "Trip" button on the Test Cabinet



- 9- Flick the ON switch to the off position and disconnect the breaker.