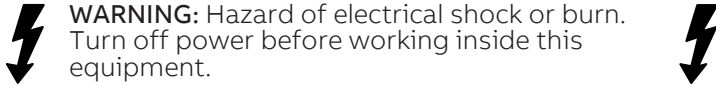


# DEH41101 - Installation Instructions



Industrial  
Solutions

## PowerMark Gold™ Load Centers Rainproof Type



**WARNING:** Hazard of electrical shock or burn. Turn off power before working inside this equipment.

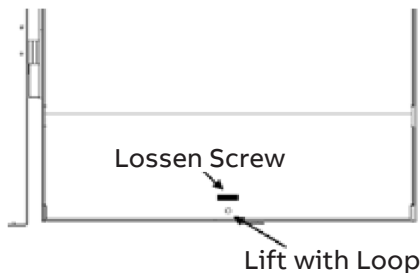


### GENERAL

To comply with the National Electrical Code and Underwriters Laboratories, the load center must be installed in accordance with the information included on the label on the inside of the equipment. This must also be done in accordance with applicable local electrical codes, and by a qualified electrical contractor and/or licensed electrician.

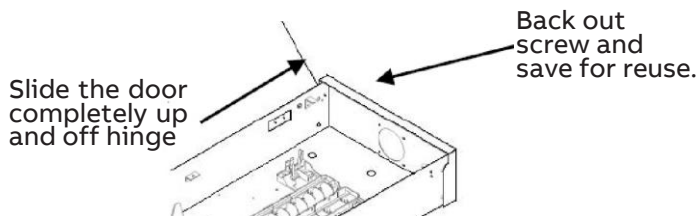
#### 1. REMOVE SHIELD.

- Loosen fastening screws (screws will be retained in shield)
- Insert screwdriver under loop; lift shield up and out.
- Slip shield back into carton to protect the finish.

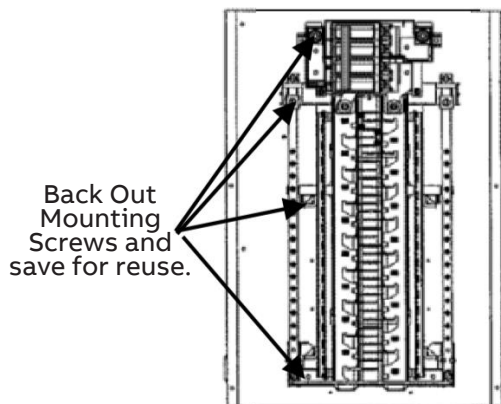


#### 2. REMOVE DOOR (Optional).

Back out door stopper-screw. Save screw for reuse. Slide the door completely up and off hinge pin.

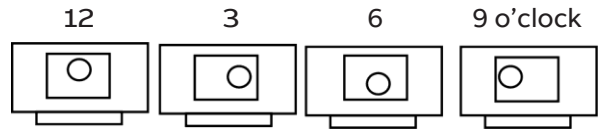


#### 3. REMOVE INTERIOR. (OPTIONAL)



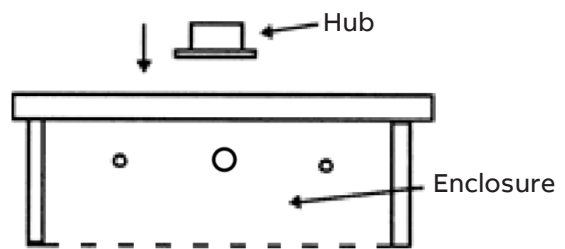
#### 4. FOR TOP FEED, SCREW HUB (Not Included) ONTO INSTALLED CONDUIT.

Raintight hubs can be mounted in any of the four positions indicated below.



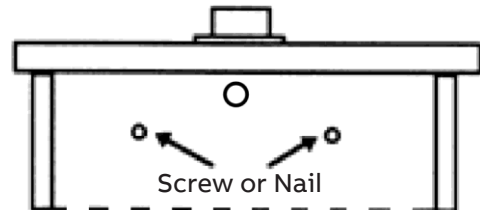
#### 5. FASTEN HUB TO BOX.

Remove factory installed closing cap, re-use the four screws to attach hub. No gasket required. Discard closing cap when hub is used.

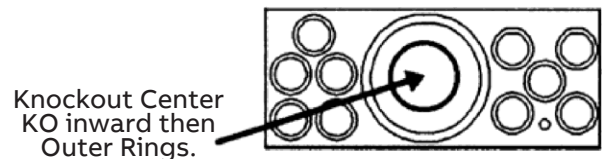


#### 6. MOUNT BOX.

Screw or nail through rear mounting holes.



#### 7. REMOVE KO'S FOR ALL MAIN AND BRANCH CIRCUITS.



#### 8. PULL INCOMING SERVICE AND BRANCH CIRCUIT WIRING INTO BOX.

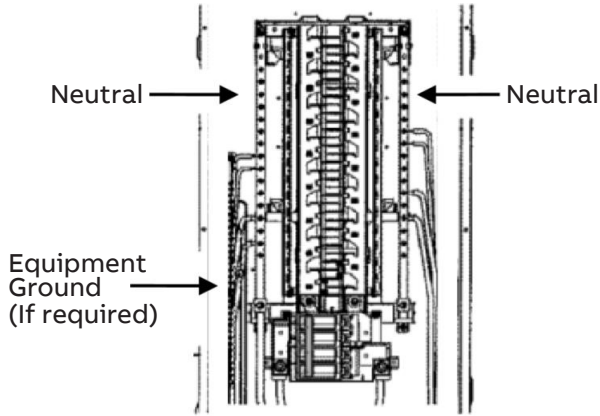
Good practice includes forming drip loops wherever applicable.

#### 9. REPLACE INTERIOR. (If Removed In Step 3)

Drive mounting screws from step 3.

**10. WIRE NEUTRAL AND EQUIPMENT GROUND.**

Refer to rating label inside for proper tightening torque. Wire neutral and equipment grounds in direction indicated by arrows, if required, ground and bond neutral to box using screw provided.



**11. OPTIONAL WIRING OF NEUTRAL AND GROUND**

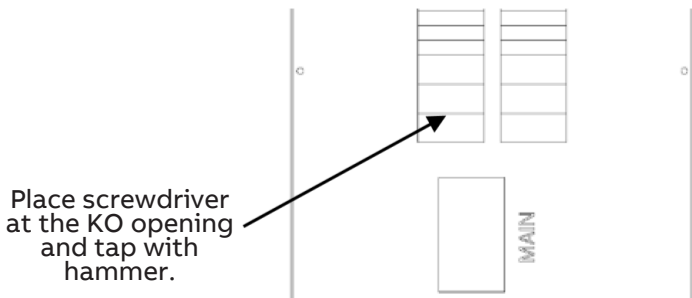
The neutral bar can be removed for non-service entrance applications such that one side can be bonded and used for grounds and the other non-bonded side can be used for neutrals.

**12. WIRE BRANCH CIRCUITS.**

Individually wire each branch circuit into a circuit breaker and then plug into interior. Refer to label on circuit breaker for proper tightening torque. Use only GE circuit breakers specified on the load center rating label. Use of other circuit breakers or components will void the load center warranty, may void the UL listing, and can result in property loss or personal injury.



**13. REMOVE SHIELD KO'S.**



**14. IMPORTANT!**

Re-tighten all electrical connections before energizing.

**15. INSTALL SHIELD.**

Rotate cover and stopper screw.

**16. IDENTIFY CIRCUITS.**

For user's convenience and per local code.

**17. INSTALL DOOR.**

a. Rotate cover latch clockwise.

b. Install shield and tighten shield fastening screw.

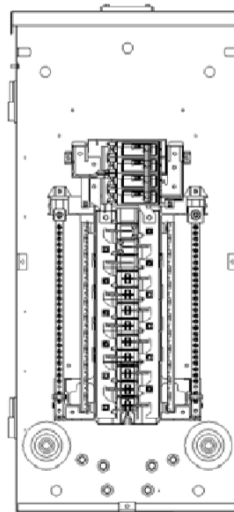
**18. CONVERT FROM TOP TO BOTTOM FEED. (Optional)**

a. Uninstall the Interior and Main breaker together by removing the mounting screws and save the screws for reuse.

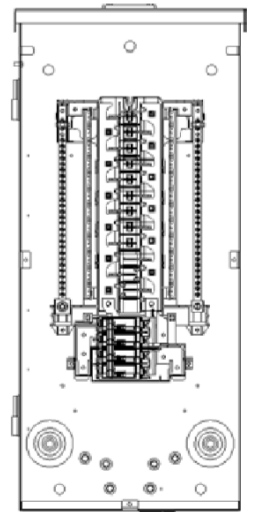
b. Stick vinyl tabs supplied in polybag to holes used for mounting Interior and Main breaker. Identify and remove vinyl tabs over holes at new locations, which will be utilized for mounting Interior and Main breaker in Top feed.

c. Rotate the interior and main breaker assembly and reinstall with the help of screws removed earlier.

d. Paste the circuit index label supplied in a polybag on the shield.



Top feed



Bottom feed

These instructions do not purport to cover all details or variations in equipment nor to provide for every possible contingency to be met in connection with installation operation or maintenance. Should further information be desired, or should particular problems arise which are not covered sufficiently for the purchaser's purposes, the matter should be referred to ABB Company.

For troubleshooting or service related questions, <https://electrification.us.abb.com/products/load-centers>