



WavePro™ Power Circuit Breaker Accessories

Hidden Close Button

Introduction

The Hidden Close Button is an unmarked replacement for the normal close button provided on the WavePro™ low-voltage power circuit breaker. Pressing the Hidden Close Button in the normal manner will not close the breaker. The catalog number is WPHIDONKIT1. These instructions cover all frame sizes, 800–5000 amperes.

Installation



WARNING: Before installing any accessories, turn the breaker OFF, disconnect it from all voltage sources, and discharge the closing springs.



AVERTISSEMENT: Avant d'installer tout accessoire, mettre le disjoncteur en position OFF, le déconnecter de toute tension d'alimentation, et décharger les ressorts d'armement.

To install a Hidden Close Button in a WavePro breaker, perform the following procedure:

1. Open the breaker, then rack it out to the disconnect position, as indicated by the DISC legend on the position indicator. Remove the breaker from the equipment. Place the breaker on a suitable work surface.
2. Reinsert the racking handle and turn it clockwise to move the breaker racking mechanism to the TEST position, as indicated by the position indicator.
3. Pull the ends of the two trim plate mounting rods out of the holes at the rear of both sides of the escutcheon, then remove the trim plate.
4. Remove the six screws securing the escutcheon to the breaker. Pull the manual charging handle up part way, then slide off the escutcheon.
5. From the rear of the escutcheon, use a pair of needle-nose pliers to squeeze the locking tabs that hold the normal close button in place. Push the button out through the front of the escutcheon.
6. Push the Hidden Close Button into the empty slot from the front of the escutcheon, as illustrated in Figure 1, until it snaps into place.

7. Check to ensure that the breaker racking mechanism is still in the TEST position. Pull the manual charging handle up part way, then slide the handle through the slot in the escutcheon and move the escutcheon into place. Insert the six mounting screws and tighten to 14–20 in-lb.
8. Replace the trim ring around the escutcheon, with the narrow side at the bottom. Insert the trim plate mounting rods into the rear of the escutcheon.

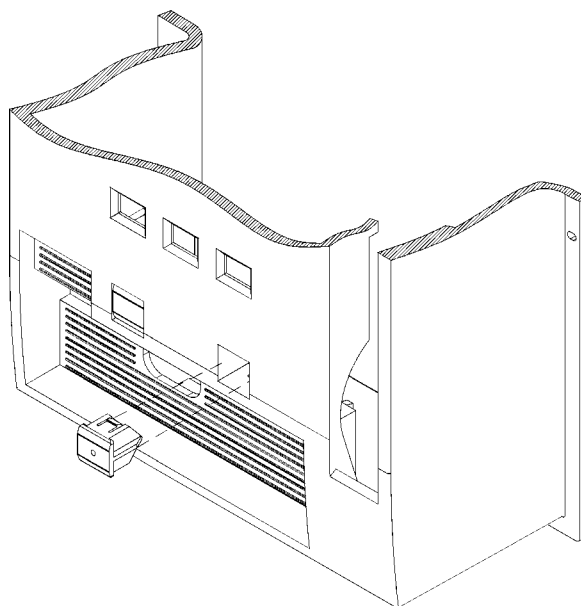


Figure 1. Installation of the Hidden Close Button.

Operation

To manually close the breaker, charge the breaker closing springs, then insert the end of a stiff rod, with a maximum diameter of 0.1", through the hole in the center of the Hidden Close Button, as illustrated in Figure 2. When the rod engages the breaker closing mechanism, light pressure on the rod will close the breaker.

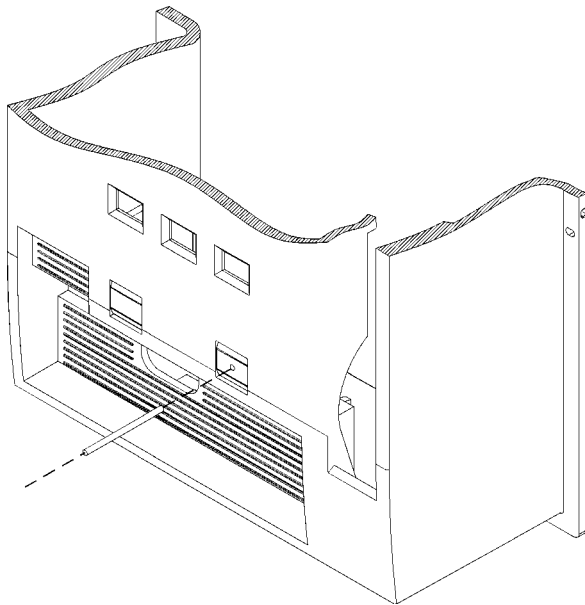


Figure 2. Operation of the Hidden Close Button.

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



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