

DEH-41715 Installation Instructions

**EntelliGuard® G Circuit Breaker
Accessories**

Hidden on cover

Introduction

Hidden on cover:

Allows padlocking of OFF/ON button and blocks ON/OFF except with special tool 1/8" diameter"

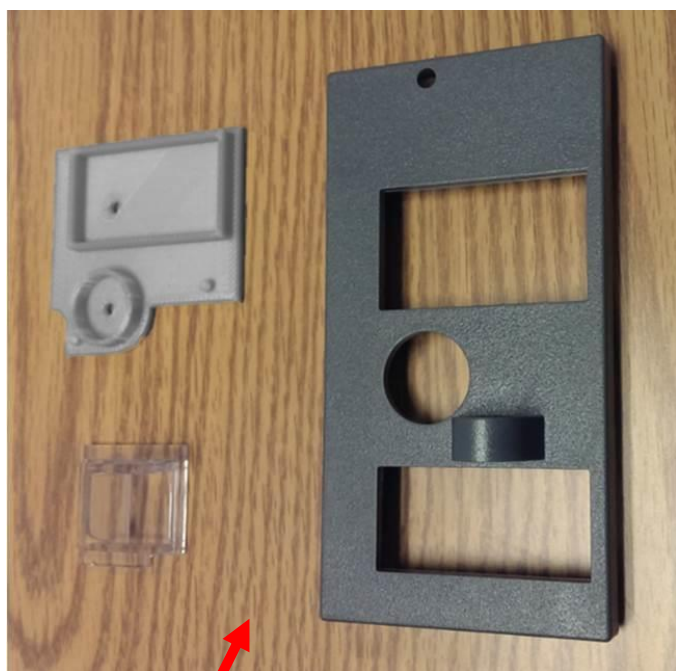


Figure 1

Cat No. GHO

Use the following procedure to install the Device accessory into the circuit breaker.

1. Turn the breaker off and discharge the closing springs by depressing the OFF and ON buttons in the sequence OFF-ON-OFF. Verify that the breaker OFF-ON indicator shows OFF on a green background and that the charge indicator shows DISCHARGE on a white background. If installing in a draw-out type breaker remove breaker from adaptor (cassette) before continuing.

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

2. Loosen the 6 screws on front cover (fascia) using a posidrive screw driver as shown in Fig 2.B Rotate the charging handle down and slide the front cover over the handle to remove the front cover as shown in Fig. 2.C.



Figure 2. (A) Front Cover (B) Screw Removal (C) Handle Rotation

3. Knock out the regions shown in Fig. 3 in fascia using a 6.5mm dia drill to locate the push button padlock kit.

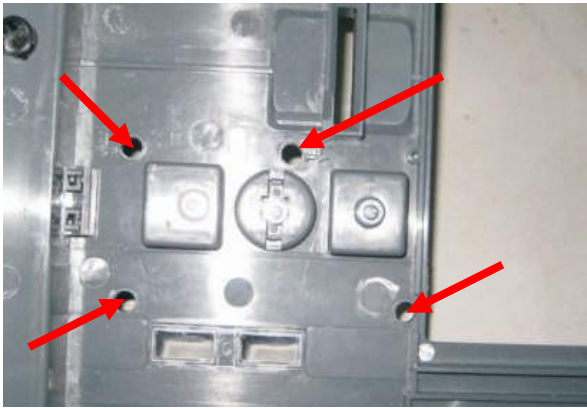


Figure 3

4. Fix the padlocking device kit with fascia using M3X6 screws at 4 locations and hand tighten. Refer Fig. 4

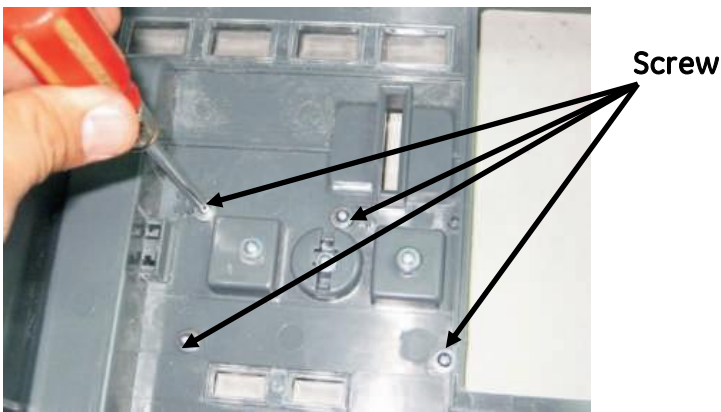


Figure 4: Assembly of Padlock Device

5. To reinstall the cover, rotate the charging handle down and slide the front cover over the handle to assemble the front cover to housing as shown in Fig. 5



Figure 5

6. Ensure the fascia is aligned properly with the trip unit and the pad lock features of the breaker.

7. Fasten the 6 mounting screws of fascia with the housing using a pozidrive screwdriver. Apply torque of 6 Nm (4.42 ft-lbs).

8. Raise the appropriate windows of OFF button. Install padlock has through the locking eye (Fig. 6). Padlock hasp can be of 1/4" to 3/8" diameter

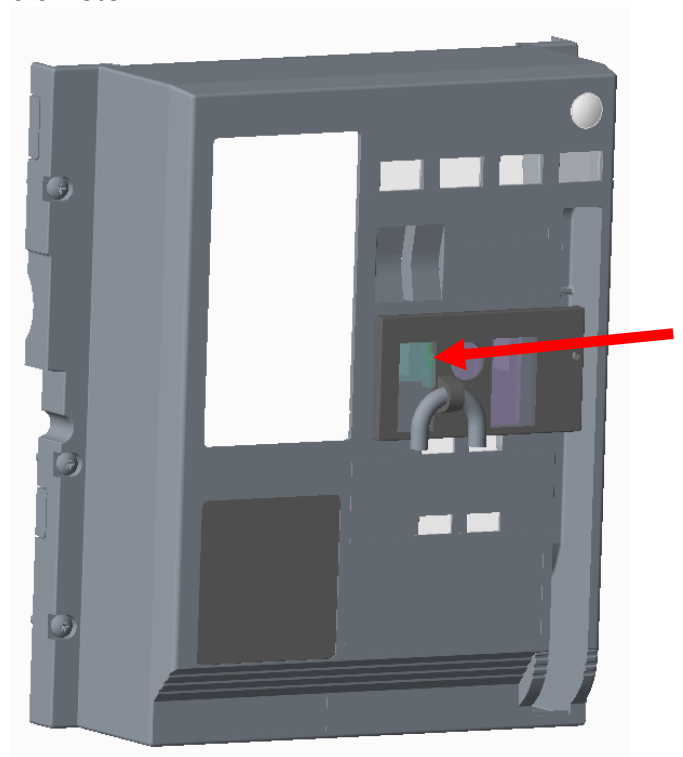


Figure 6

Reference:

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 ABB Inc.

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