



# nVent HOFFMAN GEC Operator Adapter Instruction Manual

[Home](#) » [nVent HOFFMAN](#) » nVent HOFFMAN GEC Operator Adapter Instruction Manual 



## OPERATOR ADAPTER GEC

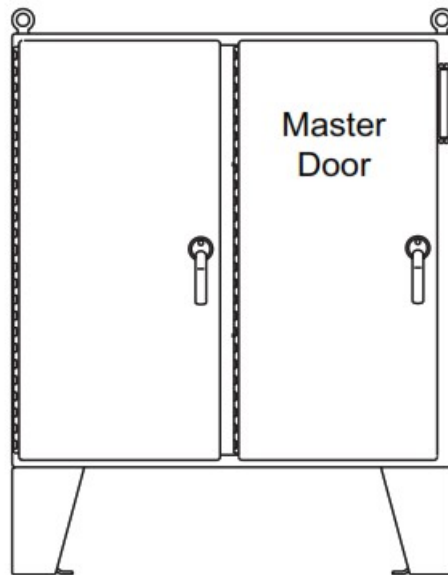
Installation Instructions for General Electric Flexible Cable Operating Mechanisms (For parts list, see Page 2)

### Contents

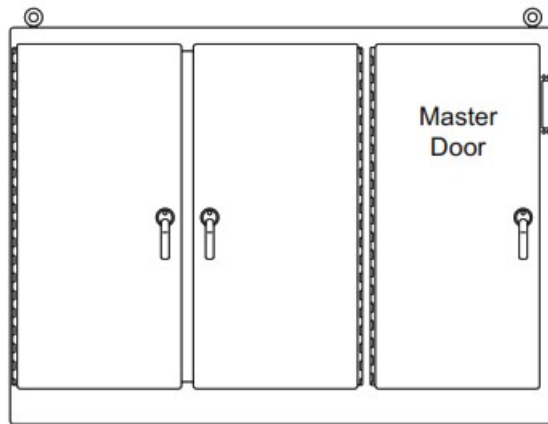
- [1 GEC Operator Adapter](#)
- [2 Parts List](#)
- [3 INTRODUCTION](#)
- [4 Documents / Resources](#)
  - [4.1 References](#)

## GEC Operator Adapter

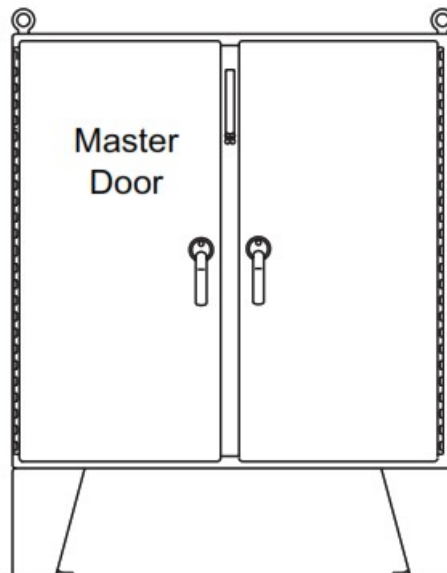
For floor-mounted enclosures with the disconnect on the right flange



For one- through six-door free-standing enclosures with the disconnect on the right flange



For floor-mounted enclosures with the disconnect on the centerpost



# **WARNING**

The functions, fits and clearances of the installation described hereon are calculated from information supplied by the manufacturers of the equipment to be installed. Be certain to check the function, fits and clearances of all equipment both before and after installation to assure that it operates properly and safely and meets all applicable codes, standards and regulations.

In the event the completed installation does not function properly or fails to meet any such codes, standards or regulations, do not attempt to make alterations or operate the equipment. Report such facts immediately to:

Hoffman Customer Service  
2100 Hoffman Way  
Anoka, MN 55303  
763.422.2211  
<http://hoffman.nvent.com/contact-us>

## **Parts List**

Operator Adapter, Catalog Number GEC, for General Electric Disconnects

Item No.		Description		Part No.		Qty.
1	ADAPTER PLATE, CABLE OPERATOR		27206002		1	
2	PLATE GASKET		89109613		1	
3	SCREW, 1/4-20X1/2 PAN HEAD		99401031		4	
4	SLIDE ARM		26250001		1	
5	SHOULDER COLLAR		26149001		1	
6	SCREW, 1/4-20X7/8, HEX HEAD		99401030		1	
7	LOCKWASHER, 1/4 SPRING		99401318		1	
8	WASHER, FLAT		22101003		2	
9	LOCKWASHER, 1/4 INTERNAL TEETH		99401300		2	
10		NUT, 1/4-20 HEX		99401406		2
11		DOOR CATCH		23101002		1
12		SCREW, 10-32X3/8 PAN HEAD		99401007		2
13		LOCK WASHER, #10 INTERNAL TEETH		99401307		2
14		NYLON WASHER		26132003		4
15		INSTALLATION INSTRUCTIONS		89114664		1

## INTRODUCTION

This installation instruction is for General Electric SCH cable operating mechanisms. These mechanisms are for

circuit breakers mounted in Hoffman disconnect enclosures.

## **INSTALLATION STEPS**

### **Step 1**

Install operating plate (item 1) and plate gasket (item 2) on the inside of the enclosure, behind the rectangular opening provided.

Gasket side with PSA should be attached to the adapter plate. Secure in place with four screws (item 3) and four nylon washers (item 14).

### **Step 2**

Assemble the General Electric SCH operating handle and cable adapter to the mounting plate which was installed in the enclosure in step 1. Omit cap screw and lockwasher which fits into bottom hole of G.E. operating handle.

Also omit G.E. stiffening bracket which is not required.

### **Step 3**

Install the slide arm (item 4) over the interlock part of the G.E. operating handle as shown. Note the notch in the slide arm is positioned toward the door opening. Place the smaller diameter end of the shoulder collar (item 5) through the oval slot in

the slide arm. Install long cap screw (item 6) with lockwasher (item 7) through shoulder collar into the bottom mounting hole of the G.E. operating handle and tighten. The slide arm should move up and down smoothly. Install G.E. interlock blade per G.E.

instructions.

### **Step 4**

Attach the bottom of the slide arm (item 4) to the offset arm of the lock release mechanism. Use two flat washer (item 8), two lockwashers (item 9), and two hex nuts (item 10). Do not tighten until parts are adjusted (see step 5B).

### **Step 5**

The handle safety lock release mechanism is adjustable.

(A) Check the adjustment of the factory installed roller bracket on enclosures with disconnect on right flange. The door latch should hit against the latch stop portion of the roller bracket when the door is closed and latched. Adjust up or down if necessary. The attached mechanism will then provide the necessary up-down motion required to operate the release mechanism.

(B) Adjust the length of the slide arm assembly. With proper adjustment of the slide arm, the safety lock (on G.E. handle operator) should release just before the master door is fully latched. Lengthen slide arm if safety lock releases too soon.

Shorten slide arm if safety lock releases too late.

### **Step 6**

Attach the door catch (item 11), provided by Hoffman, to the tapped spacer on the door using the bottom set of mounting holes. Use two screws (item 12) and lockwashers (item 13). The door catch prevents the door from being opened when the G.E.

operating handle is in the "ON" position.

### **Step 7**

Drill and tap holes in panel per General Electric instructions. See General Electric instructions for locating holes within range of cable length being used.

### **Step 8**

Install panel in enclosure.

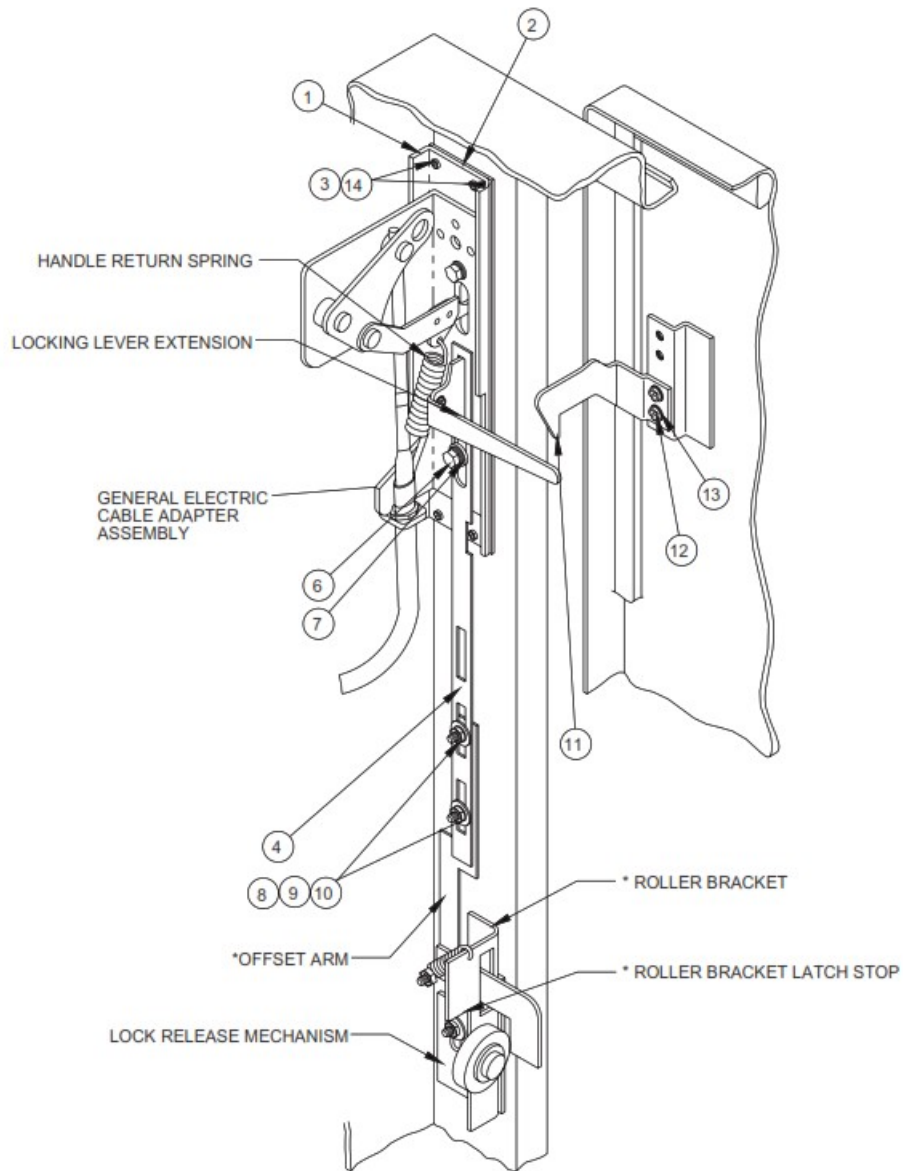
### **Step 9**

Mount circuit breaker and cable operating mechanism on panel using General Electric instructions and parts.

For Floor-Mounted, Two-Door Enclosures with Disconnect on Right Flange

For Floor-Mounted, Two-Door Enclosures with Disconnect on Centerpost

For One- Through Six-Door, Free-Standing Enclosures with Disconnect on Right Flange



\* PARTS OF RELEASE MECHANISM ON ENCLOSURE WITH DISCONNECT ON RIGHT FLANGE

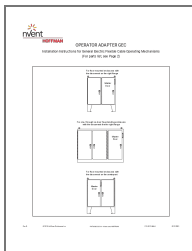
© 2018 Hoffman Enclosures Inc.

PH 763 422 2211

[nVent.com/HOFFMAN](http://nVent.com/HOFFMAN)

89115503

## Documents / Resources



[nVent HOFFMAN GEC Operator Adapter](#) [pdf] Instruction Manual

P-N 89114664, 89115503, GEC Operator Adapter, GEC, Operator Adapter, Adapter

## References

- [🌟 Contact us, we'd love to hear from you | nVent](#)

-  [We connect and protect | nVent](#)

Manuals+.