INSTRUCTIONS FOR INSTALLATION OF 67A3348G01, 2-WAY CABLE INTERLOCK FOR MinIVAC, VCP-T & T-VAC DRAWOUT CIRCUIT BREAKERS.

THIS MECHANICAL INTERLOCK CONNECTS 2 CIRCUIT BREAKERS SO THAT ONLY 1 CAN BE CLOSED AT ANY TIME.

CLOSING 1 CIRCUIT BREAKER THRU A DRIVE CABLE HOLDS THE 2ND CIRCUIT BREAKER IN A TRIPPED CONDITION.

NOTE: EATON CORPORATION ASSURES NO RESPONSIBILITY FOR DAMAGE DONE TO CIRCUIT BREAKER OR OTHER EQUIPMENT DURING FIELD MOUNTING OF ANY ACCESSORIES.

CONTENTS OF KIT:

1. INTERLOCK ASSY
   SCALE 1:2

2. DRIVE ARM ASSY
   SCALE 1:2

3. INTERLOCK WHITEFORM
   SCALE 1:2

4. LATCH BRACKET ASSY
   SCALE 1:2

5. WHITEFORM STOP HD
   SCALE 1:2

6. WHITEFORM LEVER
   SCALE 1:2

7. WHITEFORM RING SPRING
   SCALE 1:2

8. INTERLOCK RING SPRING
   SCALE 1:2

9. CABLE ACCESSORY
   AVAILABLE IN 6", 8", 10" LENGTHS
   (SIXT 2 REQUIRED)

10. C-CLIP
    SCALE 1:2

11. WE 4 X 80 S/S LEAD NOS.
    SCALE 1:2

12. M5 X 32 PAN HD.
    SCALE 1:2

13. M6 X 10 TAPLEELE
    SCALE 1:2

14. M5 LOCK WASHER
    SCALE 3:3

15. M5 FLAT WASHER
    SCALE 3:3

WARNING

BREAKER MUST REMAIN IN THE "OPEN" & "DISCHARGED" CONDITION DURING THE INSTALLATION OF THIS ACCESSORY KIT.
STEP 3

REMOVE R.H. LAY SHAFT SUPPORT BRACKET, BUSHING & M6 HARDWARE

SEE DETAIL VIEW:A

DETAIL VIEW:A
SCALE: 1.5 = 1
STEP 4

IF MICROSWITCH IS PRESENT, REMOVE ALL BUT ONE PIECE OF INSULATION

R. H. POLE SHAFT BEARING PLATE

AFTER ASSEMBLY SET ASIDE
STEP 7

HOOK SPRING END ON ACCESSORY MOUNTING DECK

SEE DETAIL VIEW:C

DETAIL VIEW:C
SCALE:2-1

HOOK SPRING END AROUND ITEM 6

SEE DETAIL VIEW:C
STEP 8

IF POLE SHAFT IS NOT MACHINED AS SHOWN CONTACT EATON

DETAIL VIEW:D
SCALE: 4:1

DETAIL VIEW:E
SCALE: 2:1

TORQUE TO 65-85 IN. LBS. [7.3-9.6 NEWTON METERS]

SEE DETAIL VIEW:D

SEE DETAIL VIEW:E
STEP 9

RE-ASSEMBLE ITEMS FROM STEPS 3-4
(SEE DETAIL VIEW:F)
12A. REPEAT STEPS 1-11 ON BREAKER #2.
12B. CONFIRM CELL IS NOT ENERGIZED.
12C. BREAKERS SHOULD BE IN OPEN & DISCHARGED POSITION.
12D. INSERT BREAKERS INTO CELL.
12E. RACK BREAKERS TO CONNECTED POSITION.

RE-ASSEMBLE FRONT COVER
ADJUSTMENT IS DONE WITH 4 BULKHEAD MOUNTING NUTS (TORQUE TO 100-120 IN. LBS.) [11-13 NEWTON METERS]
15A. ADJUSTING CABLES:
ADJUSTING IS DONE WITH THE BULKHEAD MOUNTING NUTS. 
THE ROD END NUTS SHOULD NOT BE ADJUSTED. 
(DONE WITH BOTH BREAKERS IN OPEN POSITION)

15B. ROUTING CABLES:
CHECK ALL CABLES TO ASSURE FREE MOVEMENT IN SHEATH. 
ROUTE ALL CABLES TO ASSURE NO SHARP BENDS. 
MINIMUM BEND RADIUS TO BE 4 [101] 
ONCE FINALIZED SECURE CABLES TO INTERLOCK ASSEMBLY 
WITH PLASTIC WIRE CLAMPS OR WIRE TIES.

15C. TEST COMPLETED ASSEMBLY
CHARGE & CLOSE BREAKER A, CONFIRM THAT THE DRIVEN LEVER ON 
BREAKER B IS ROTATED AGAINST IT'S STOP (MOUNTING BRACKET). 
CHARGE BREAKER B AND ATTEMPT TO CLOSE. IT SHOULD NOT 
RESPOND TO THE CLOSE COMMAND!

IF BREAKER CLOSES, CONFIRM ASSEMBLY PROCEDURE WAS DONE 
CORRECTLY. ADDITIONAL ADJUSTMENT MAY BE REQUIRED IN THE 
CABLE ASSEMBLIES.

OPEN BREAKER A. THE INTERLOCK SHOULD RELEASE. CLOSE 
BREAKER B. VERIFY THAT IT CLOSSES VIA OPEN/CLOSE 
INDICATOR. BREAKER A SHOULD NOW BE HELD IN THE OPEN 
CONDITION. REPEAT THE ABOVE QUALITY CHECK, STARTING 
WITH BREAKER B AGAINST BREAKER A.

STEP 15