

REV	DESCRIPTION	DATE	APPROVED
B	REVISED AND REDRAWN	DEC. 05, 90	S.L.O.

# SIEMENS

Siemens Energy & Automation, Inc.  
Bellevue, Ohio 43311 U.S.A.

## Installation Instructions

**⚠ DANGER**

**Hazardous Voltage. Will cause severe injury or death.**

**Turn power off supplying device before installing.**

**⚠ SAFETY INSTRUCTIONS**

**BREAKER TYPES**

E2(-A), E4(-A), ER(-A), HE4(-A), HE6(-A), CLE(-A), ED2, ED4, ED6, HED4, HED6, CED6

NOTE: This instruction outlines the recommended installation procedure.

1. Turn power off supplying device before installing kit.

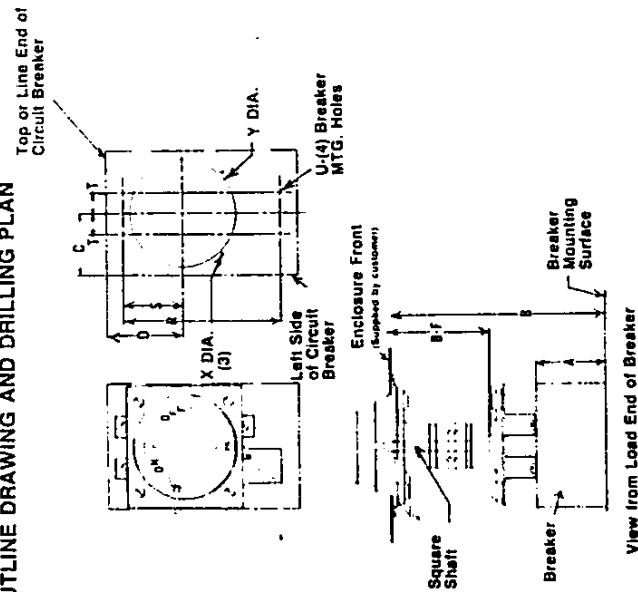
### DRILLING OF ENCLOSURE AND ENCLOSURE COVER

2. Drill four breaker mounting holes (U) per drilling plan on outline drawing.
3. Place template on breaker mounting surface so that the four centers in the template line up with the breaker mounting holes. Make sure "ON", "OFF" indications on template are in same direction as "ON", "OFF" indications on breaker. Use 2 breaker mounting screws to hold template in place.
4. Measure distance "A" and "B" from walls of enclosure. See Fig. 1.
5. Relocate template on enclosure cover by adding enclosure thickness and cover overhang (C) to dimensions "A" and "B". See Fig. 2.
6. Remove backing from template and secure template on door.
7. Drill holes "X" (.375 diam.) and "Y" (.412 diam.) on template.

Item: Instructions for Variable Depth Rotary Handle Enclosure Mechanism for "E" Frame Circuit Breaker Cat. No. E2RHV9  
For Use With: H-E, E and ED Frame Circuit Breakers & Molded Case Switches

Page 1 of 4  
Pc. No. 57728

### OUTLINE DRAWING AND DRILLING PLAN



### DIMENSIONAL CHART

A	C	D	F	R	S	T	U	X	Y
4	1/2	1 1/2	3 7/16	5 1/16	5	2 1/16	1/2	8-32	7/16 (4 1/8)

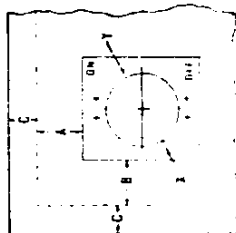
### ENCLOSURE DEPTH DIMENSIONS

Maximum and Minimum					
3 Inch Pipe	5 Inch Pipe	7 Inch Pipe	8 Inch Pipe	9 Inch Pipe	10 Inch Pipe
B MAX. B MIN.	B MAX. B MIN.	B MAX. B MIN.	B MAX. B MIN.	B MAX. B MIN.	B MAX. B MIN.
11 9	13 11	15 13	17 15	19 17	21 19

\* Dim. shown is for 3 pole unit without accessory section. For breaker with accessory section add 1" to C dimension.



Breaker Mounting Surface Fig. 1



Enclosure Cover Fig. 2

Pc. No. 57728

MATL 40# WHITE BOND PAPER  
BLACK PRINTING ON WHITE BACKGROUND  
2 SHEETS FRONT AND BACK

85 x 11

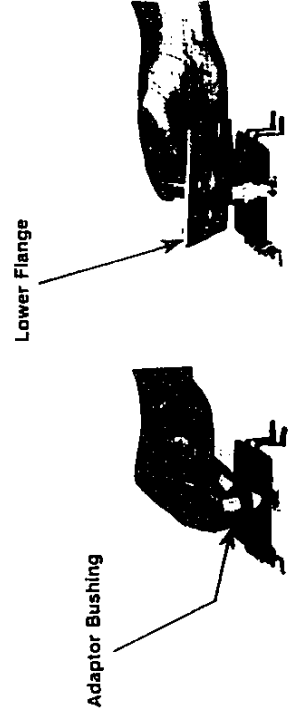
Siemens Energy & Automation, Inc.  
Bellevue, Ohio 43311 U.S.A.

Page 2 of 4  
Pc. No. 57728

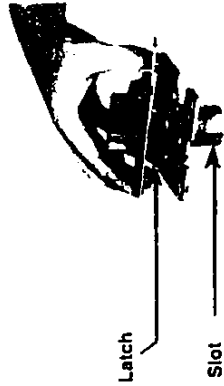
## Installation Instructions

### ASSEMBLY OF MECHANISM

1. With adaptor bushing in place on bearing of lower mechanism, place lower flange (flange with the 4 tapped holes) on to lower mechanism. Secure with four flat head screws.



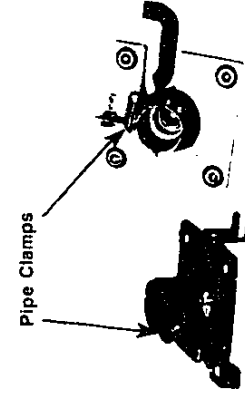
2. Place upper mechanism on upper flange (flange with 4 tapped holes) and secure with four flat head screws. Be sure latch on mechanism fits into elongated slot in flange.



3. Cut square shaft to desired dimension. To do this subtract dimension "F" (see dimension chart) from "B" dimension which is the distance from the back of the breaker to inside of enclosure door.



4. Place pipe clamp on the collar of each flange. Do not tighten.



CONFIDENTIAL - PROPERTY OF SIEMENS ENERGY & AUTOMATION, INC.

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES

.XX ANGULAR  
.XXX DO NOT SCALE DRAWING

Siemens Energy & Automation, Inc.  
Circuit Protection Division

INSTRUCTION SHEET

DWN S.L.O. DATE Dec. 5, 90 SIZE FSCM NO. DWG NO. B-57728 REV B

CHK DATE SCALE 1 OF 2 SHEET 1 OF 2

