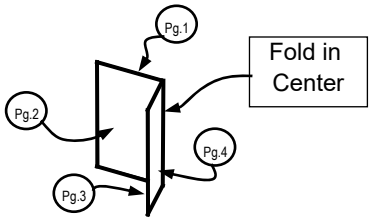
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
00	INITIAL RELEASE	05/15/19	ECN 21782
01	UPDATED WIRE RANGE	03/15/21	ECN 21841

Notes:

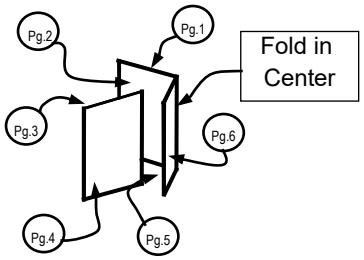
1. **(Grayscale)** printing on White Bond paper. Paper size as follows:

- •1 page Instruction sheet - printed on - (81/2" x 11") - one side
- •2 page Instruction sheet - printed on - (81/2" x 11") - both sides
- •3 - 4 page Instruction sheet - printed on - (11" x 17") - both sides, page location as shown below.
- •5 - 6 page Instruction sheet - printed on - (one -81/2" x 11" plus one -11" x 17") - both sides, page location as shown below.
- •7 - 8 page Instruction sheet - printed on - (two -11" x 17") - both sides, page location as shown below.

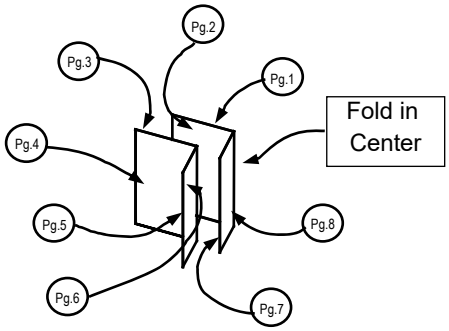
3-4 page Instruction sheets



5-6 page Instruction sheets



7-8 page Instruction sheets



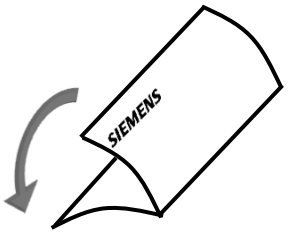
2. All Instruction Sheets are to be individually printed. **(DO NOT USE COPY MACHINE)**

3. This Power Point file has an Acrobat *.PDF file with the same file name which contains all pages but this cover sheet.
The *.PDF file is the item that gets printed.

4. The finished Instruction sheet should be folded to final dimensions listed below. Page #1 with Siemens Logo must be visible as shown below.

Finished Fold Size

8.5" x 5.5"



Part No. R508675A00

CONFIDENTIAL– PROPERTY OF Siemens Industry, Inc.

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
DO NOT SCALE DRAWING
TOLERANCES:
.XX ±
.XXX ±
ANGULAR ±

THIRD ANGLE PROJ.

Siemens Industry, Inc.

Neutral Kit CB Enclosure
400A / 600A INSTRUCTION SHEET

DWN RKR	DATE 10/29/18	SIZE A	FSCM NO.	DWG NO. R508675	REV. 01
CHK	DATE				
APVD	DATE	SCALE 1 to 1	ACAD FILE:	SHEET 1 OF 5	

IS 8-16-95

SIEMENS

Item: HN656ACB

400A & 600A
Neutral Kit

For use with: 400 & 600
Circuit Breaker Enclosures, Series "3VA"

Installation Instructions

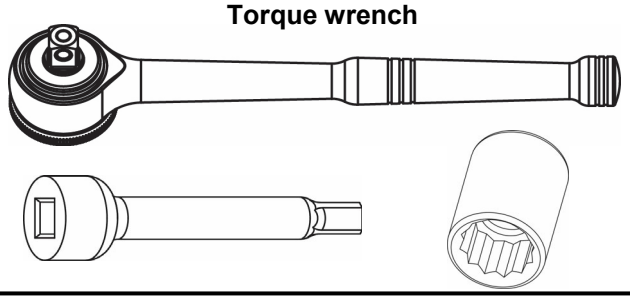
⚠ Danger	⚠ Peligro	⚠ Danger
Hazardous Voltage. **Will cause death or serious injury.** Turn off and lock out all power supplying this equipment before working on this device. Replace all covers before power supplying this device is turned on.	**Tensión peligrosa.** **Puede causar la muerte o lesiones graves.** Desenergice totalmente el equipo antes de instalar o darle servicio. Reemplace todas las barreras y cubierta antes de energizar el interruptor.	**Tension dangereuse.** **Danger de mort ou risque de blessures graves.** Mettre hors tension et cadenasser l'alimentation avant d'intervenir sur cet appareil. Remettre tous les couvercles en place avant de remettre cet appareil sous tension.

Use only with Siemens certified components.

NOTE - These instructions do not purport to cover all details or variations in equipment, or to provide for every possible contingency to be met in connection with installation, operation or maintenance. Should further information be desired or should particular problems arise, which are not covered sufficiently for the purchaser's purposes, the matter should be referred to the local Siemens sales office. The contents of this instruction manual shall not become part of or modify any prior or existing agreement, commitment or relationship. The sales contract contains the entire obligation of Siemens. The warranty contained in the contract between the parties is the sole warranty of Siemens. Any statements contained herein do not create new warranties or modify the existing warranty.

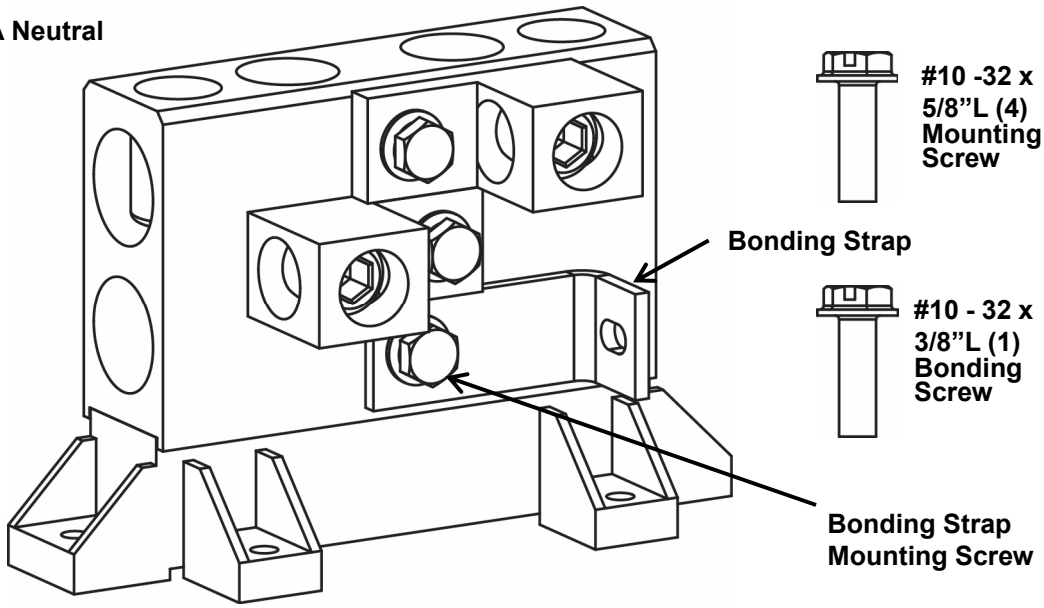
TRADEMARKS - Unless otherwise noted, all names identified by ® are registered trademarks of Siemens AG or Siemens Industry, Inc. The remaining trademarks in this publication may be trademarks whose use by third parties for their own purposes could violate the rights of the owner.

Recommended tools:
5/16" & 7/16" socket,
Extension bar,
Torque wrench



Cat. #: HN656ACB

400A / 600A Neutral



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⚠ Danger	⚠ Peligro	⚠ Danger
Hazardous Voltage. **Will cause death or serious injury.** Turn off and lock out all power supplying this equipment before working on this device. Replace all covers before power supplying this device is turned on.	**Tensión peligrosa.** **Puede causar la muerte o lesiones graves.** Desenergice totalmente el equipo antes de instalar o darle servicio. Reemplace todas las barreras y cubierta antes de energizar el interruptor.	**Tension dangereuse.** **Danger de mort ou risque de blessures graves.** Mettre hors tension et cadenasser l'alimentation avant d'intervenir sur cet appareil. Remettre tous les couvercles en place avant de remettre cet appareil sous tension.

1. **Prepare Circuit Breaker enclosure for Neutral Kit.**
   - **Turn OFF and lock out all power supplying this equipment before working on the device.**
   - **Turn OFF the Circuit Breaker installed in the enclosure.**
2. **When enclosure bonding is required:**
   - **a) Loosen Bonding Strap mounting screw (see Fig. 1)**
   - **b) Reposition Bonding Strap to the bonding position on the neutral as shown in Fig.2.**
   - **c) Hand tighten Bonding Strap screw as shown in Fig. 3.**

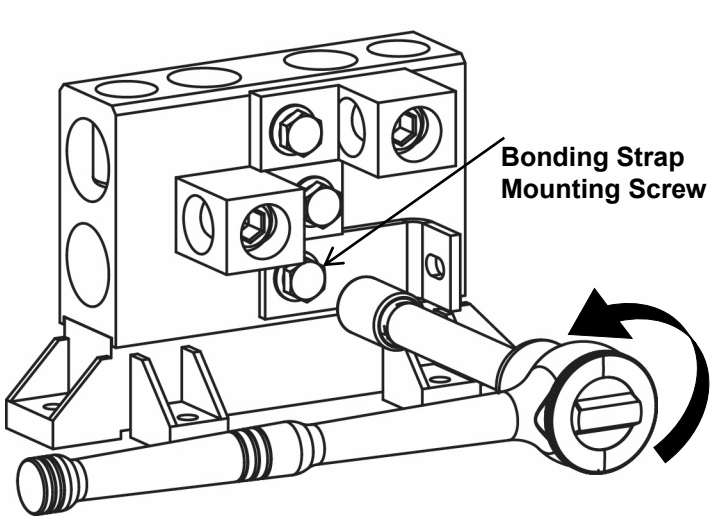


Fig. 1

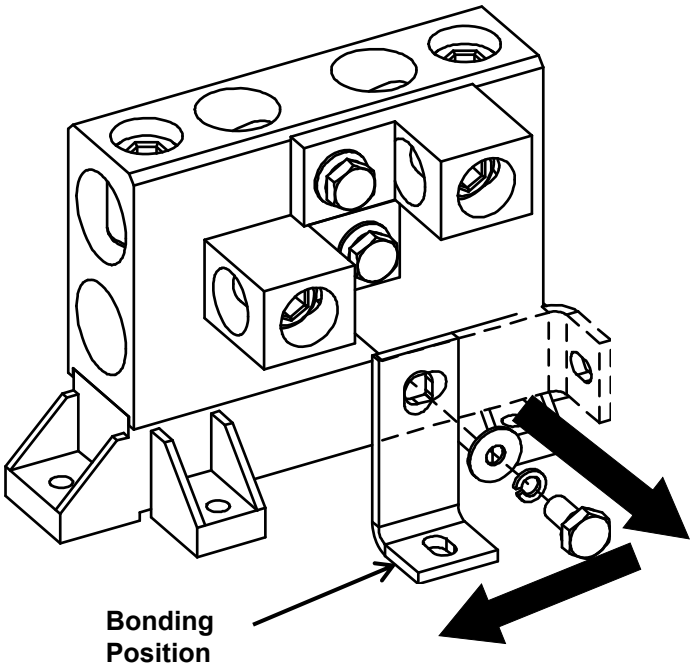


Fig. 2

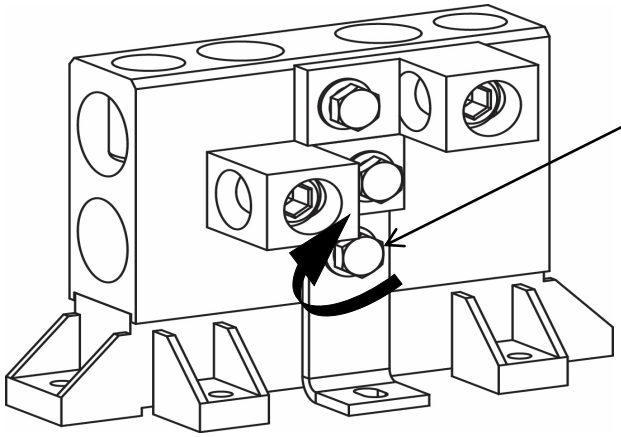


Fig. 3

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3. **Mount Neutral Assembly**

   a. **Position Neutral Assembly over holes as shown in Fig. 4.**

   b. **Insert (4) Neutral Mounting screws and torque to 30 lb-ins (3.39 Nm).**

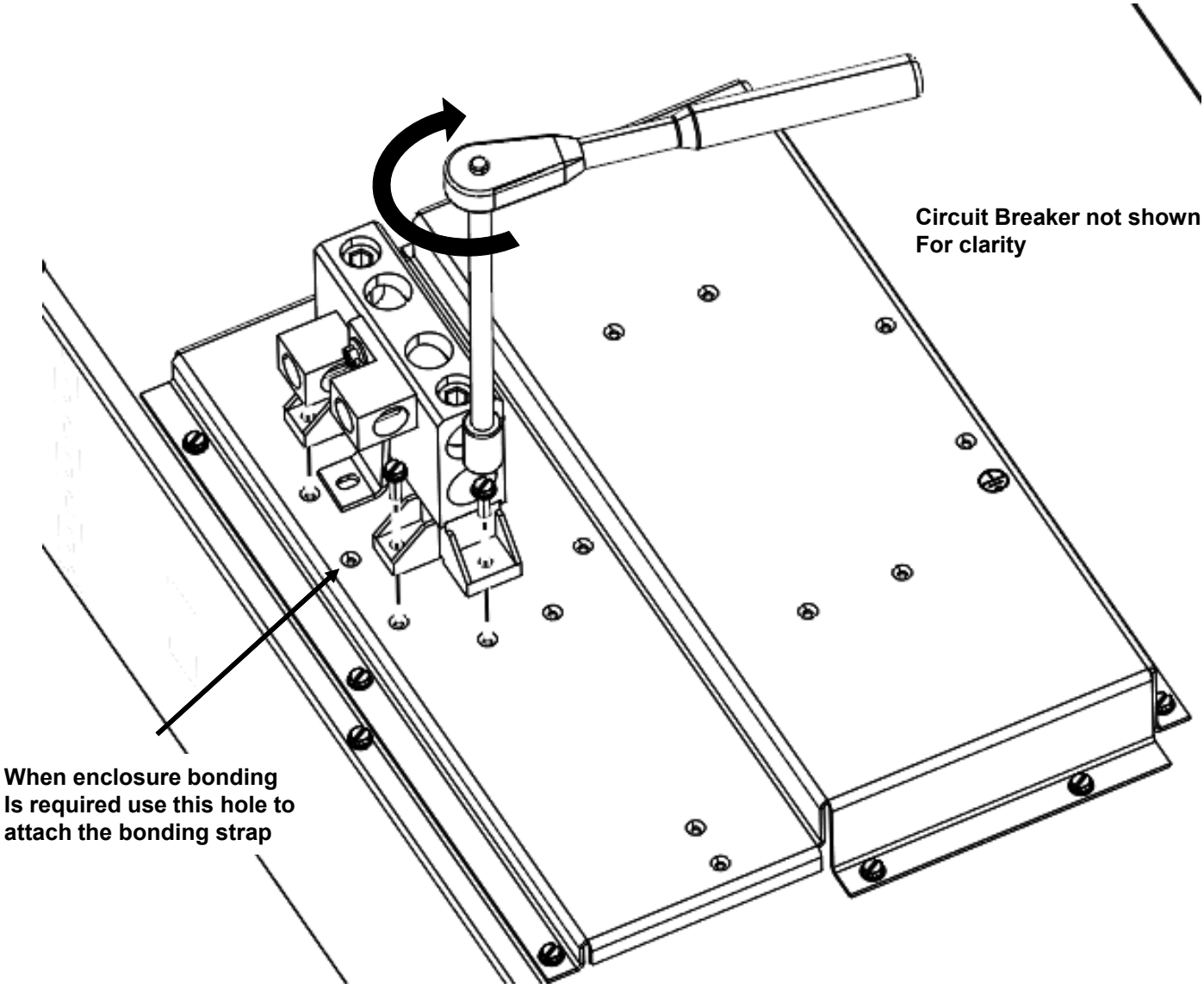


Fig. 4

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⚠ Danger	⚠ Peligro	⚠ Danger
Hazardous Voltage. **Will cause death or serious injury.** Turn off and lock out all power supplying this equipment before working on this device. Replace all covers before power supplying this device is turned on.	**Tensión peligrosa.** **Puede causar la muerte o lesiones graves.** Desenergice totalmente el equipo antes de instalar o darle servicio. Reemplace todas las barreras y cubierta antes de energizar el interruptor.	**Tension dangereuse.** **Danger de mort ou risque de blessures graves.** Mettre hors tension et cadenasser l'alimentation avant d'intervenir sur cet appareil. Remettre tous les couvercles en place avant de remettre cet appareil sous tension.

4. When enclosure bonding is required

a) Place thread rolling screw in bonded strap as shown in Fig. 5, and torque to 30 lb-ins (3.39 Nm) .

b) Torque Bonding Strap Mounting screw to 30 lb-ins (3.39 Nm) as shown in Fig 6.

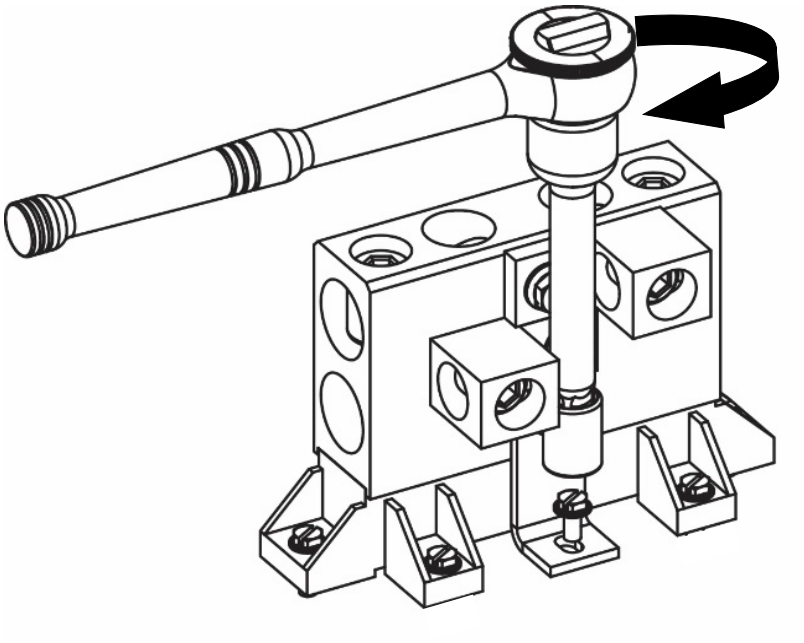


Fig. 5

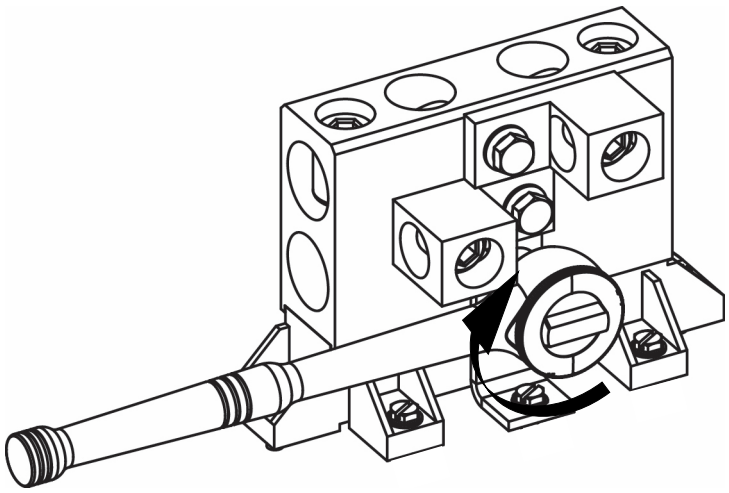


Fig. 6

Wire Range	**(2) 1/0 - 600 AWG**
Wire Range	**(2) 6 - 300 AWG**
Set Screw Torque	**275 lb-ins**

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