

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
6P	LGG, HGG added catalogs. LGX Phase I	7/17/2013	FELZ
7P	Specify usage of Accessory Shield for 600V LGG, HGG. LGX Phase II	4/23/2015	SACE
8P	Add HGG, LGG Breaker Type (A)	6/22/2015	SACE

Notes:

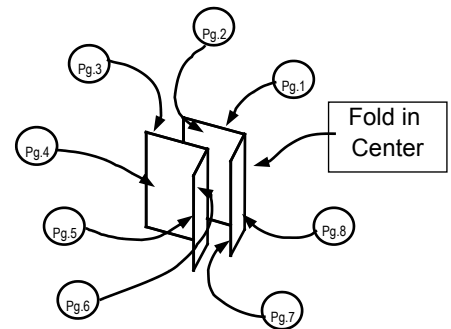
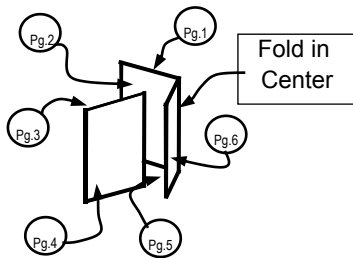
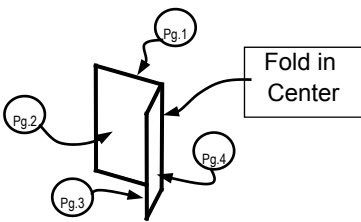
1. (**Grayscale**) printing on White Bond paper. Paper size as follows:

- 1 page Instruction sheet - printed on - (8 1/2" x 11") - one side
- 2 page Instruction sheet - printed on - (8 1/2" 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 8 1/2" 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

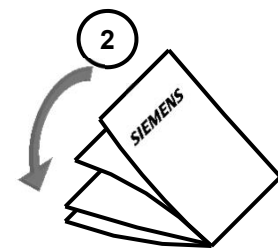
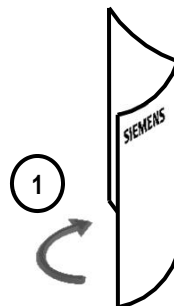
5-6 page Instruction sheets

7-8 page Instruction sheets



- All Instruction Sheets are to be individually printed. **DO NOT USE COPY MACHINE**
- 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.
- The finished Instruction sheet should be folded to final dimensions listed below for each Part Number. Page #1 with Siemens Logo must be visible as shown below.

Item Number	Finished Fold Size
A05	4.25" x 5.5"
B05	8.5" x 11.0"



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UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES DO NOT SCALE DRAWING		Siemens Industry, Inc.					
TOLERANCES: .XX ± .XXX ± ANGULAR ±		THIRD ANGLE PROJ.		Circuit Breaker Instruction Sheet			
DWN CJA	DATE 11/7/03	SIZE A	FSCM NO.	DWG NO. 806933	REV. 8P		
CHK CJA	DATE 12/28/03	SCALE 1 to 1		ACAD FILE:	SHEET 1 OF 4		
APVD CJA	DATE 26/06/13						

SIEMENS

Circuit Breaker
Interruptor Automático de Potencia
Disjoncteur

Item:	NGG1B _____	HGG1B _____	LGG1B _____
Artículo:	NGG2B _____	HGG2B _____	LGG2B _____
Élément:	NGG3B _____	HGG3B _____	LGG3B _____

For Use With Type NGG – LGGA – HGGA
Para Usar Con Caja Tipo NGG – LGGA – HGGA
Pour utilisation avec Type NGG – LGGA – HGGA

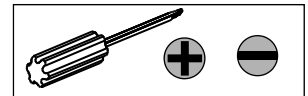
Installation Instructions / Instructivo de Instalación / Instructions d'installation

	⚠ Danger Hazardous Voltage. Will cause death or serious injury. Turn off and lock out all power supplying this device before working on this device. Replace all covers before power supplying this device is turned on.	⚠ Peligro Tensión peligrosa. Puede causar la muerte o lesiones graves. Desenergice totalmente antes de instalar o darle servicio. Reemplace todas las barreras y cubiertas antes de energizar el interruptor.	⚠ Danger Tension dangereuse. Danger de mort ou risque de blessures graves. Couper l'alimentation de l'appareil et barrer avant de travailler. Remplacez tous les couverts avant que l'alimentation de pouvoir soit alimenté.
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Use only with Siemens certified components.

Utilizar únicamente con componentes certificados de Siemens.

A utiliser uniquement avec les composants certifiés Siemens.



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.

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NOTA – Estas instrucciones no pretenden cubrir todos los detalles o variaciones del equipo, o proporcionar para cada posible contingencia a ser cumplida en conexión con instalación, operación o mantenimiento. Si información adicional es deseada, o si surgen problemas particulares, los cuales no son cubiertos de manera suficiente para propósitos del comprador, la materia en cuestión deberá ser referida a la oficina de ventas local de Siemens. Los contenidos de este manual de instrucciones no deberán convertirse en parte, o modificar cualquier acuerdo, compromiso, o relación previos o existentes. El contrato de venta contiene la entera obligación de Siemens. La garantía contenida en el contrato entre las partes es la única garantía de Siemens. Cualquier declaración contenida aquí no crea nuevas garantías ni modifica la garantía existente.

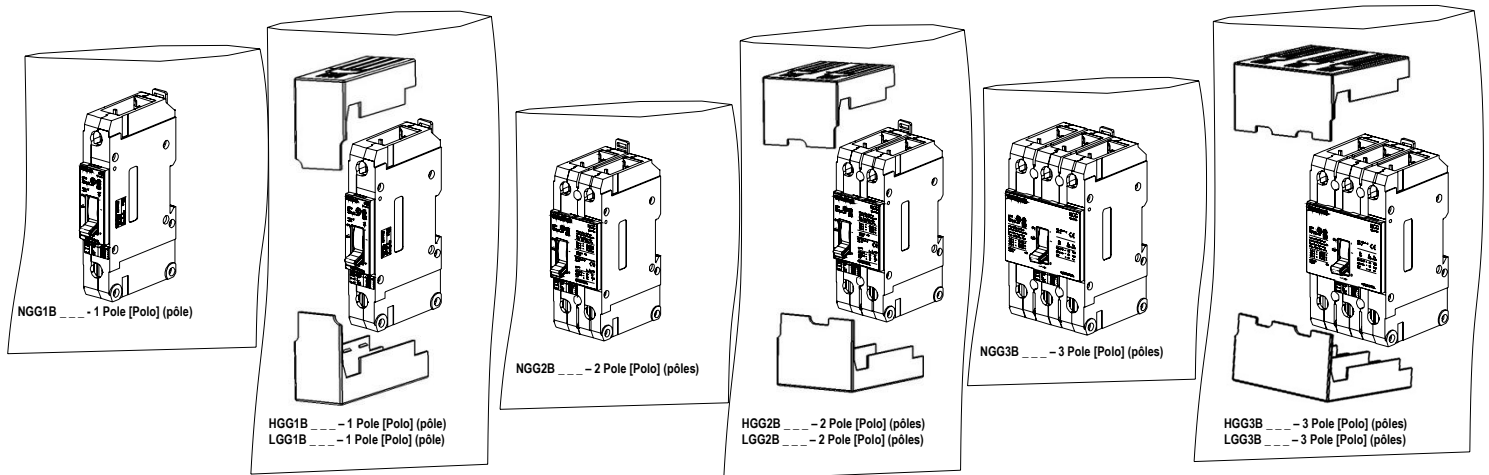
Marcas- A menos que se indique lo contrario, todos los nombres identificados como ® son marcas registradas de Siemens AG o Siemens Industry, Inc. Las otras marcas en ésta publicación pueden ser marcas cuyo uso por terceros para sus propios propósitos pudieran violar los derechos de propiedad.

NOTE - Ces instructions ne prétendent pas couvrir tous les détails ou les variations de l'équipement, ni prévoir chaque éventualité pouvant être rencontrée lors de la connexion, l'exploitation ou l'entretien. Si plus d'information est désirée ou si des problèmes particuliers surviennent, qui ne sont pas couverts suffisamment aux fins de l'acheteur, il faut adresser ces questions au bureau local de Siemens. Le contenu de ce manuel d'instruction ne fera pas partie de tout accord, engagement ou relation préalable ou existant et ne le modifiera pas. Le contrat de vente contient l'obligation intégrale de Siemens. La garantie contenue dans le contrat entre les parties est la garantie unique offerte par Siemens. Toute autre déclaration contenue aux présentes ne crée pas de nouvelles garanties et ne modifie pas la garantie existante.

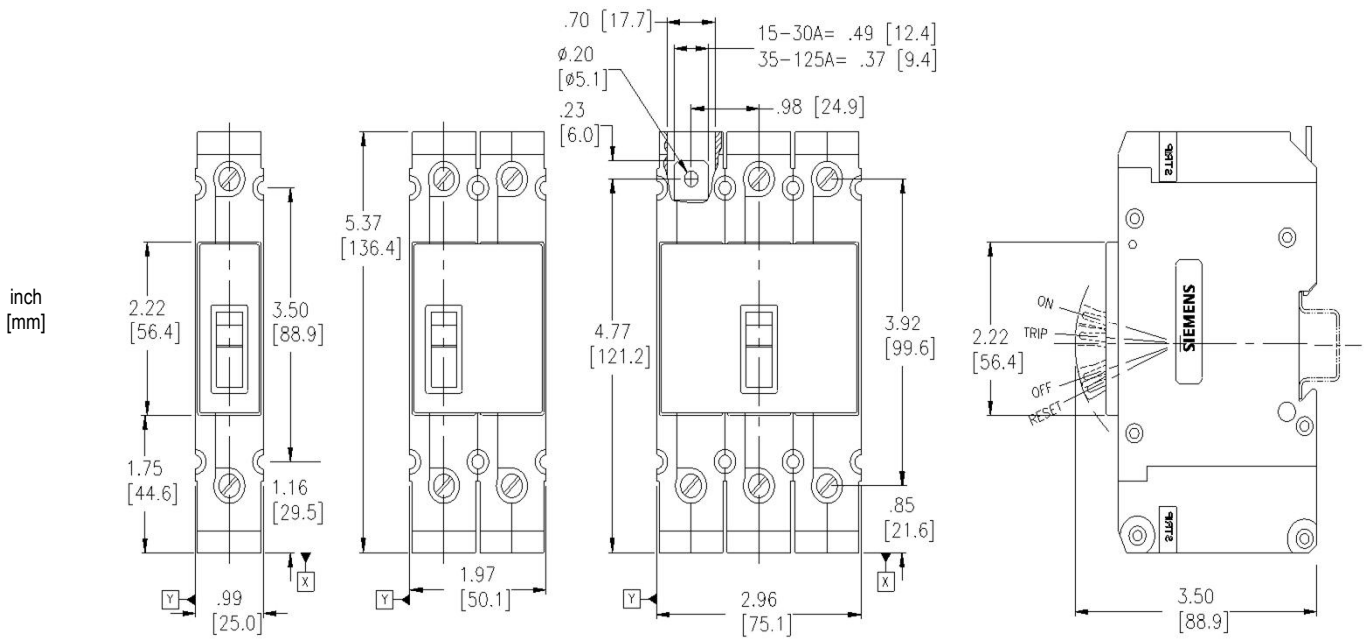
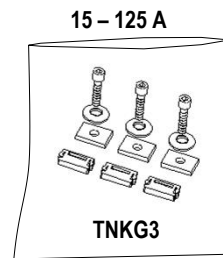
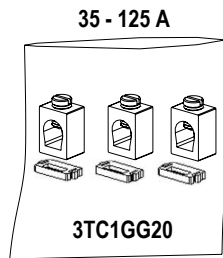
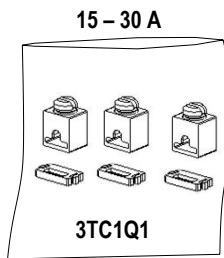
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OPTION: KITS [OPCION JUEGOS] (ENSEMBLES D'OPTIONS)

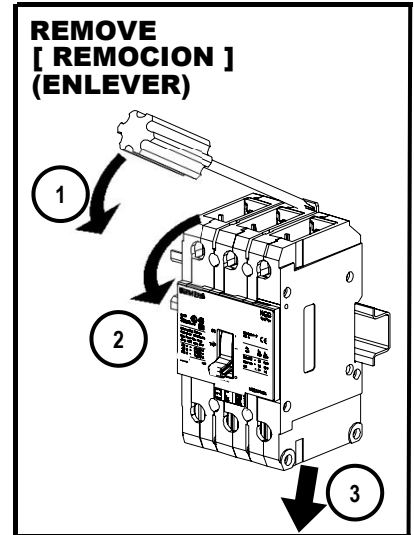
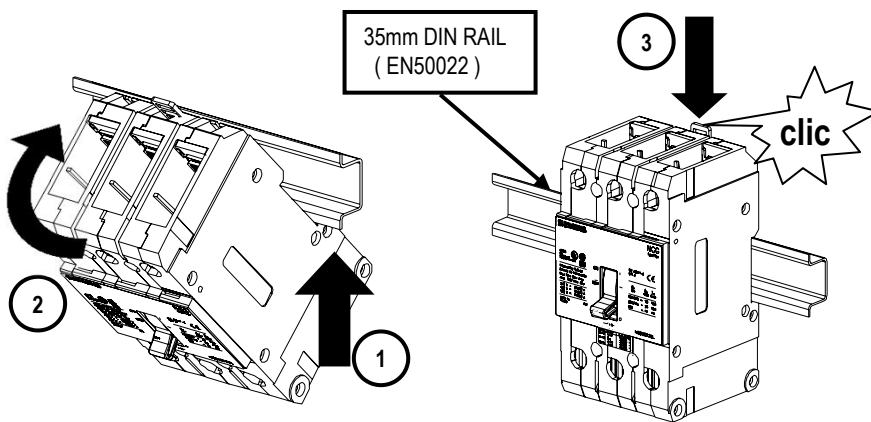


	<p>⚠ Danger Hazardous Voltage. Will cause death or serious injury.</p>	<p>⚠ Peligro Tensión peligrosa. Puede causar la muerte o lesiones graves.</p>	<p>⚠ Danger Tension dangereuse. Danger de mort ou risque de blessures graves.</p>
	<p>Turn off and lock out all power supplying this device before working on this device. Replace all covers before power supplying this device is turned on.</p>	<p>Desenergice totalmente antes de instalar o darle servicio. Reemplace todas las barreras y cubiertas antes de energizar el interruptor.</p>	<p>Couper l'alimentation de l'appareil et barrer avant de travailler. Remplacez tous les couverts avant que l'approvisionnement de pouvoir soit alimenté.</p>

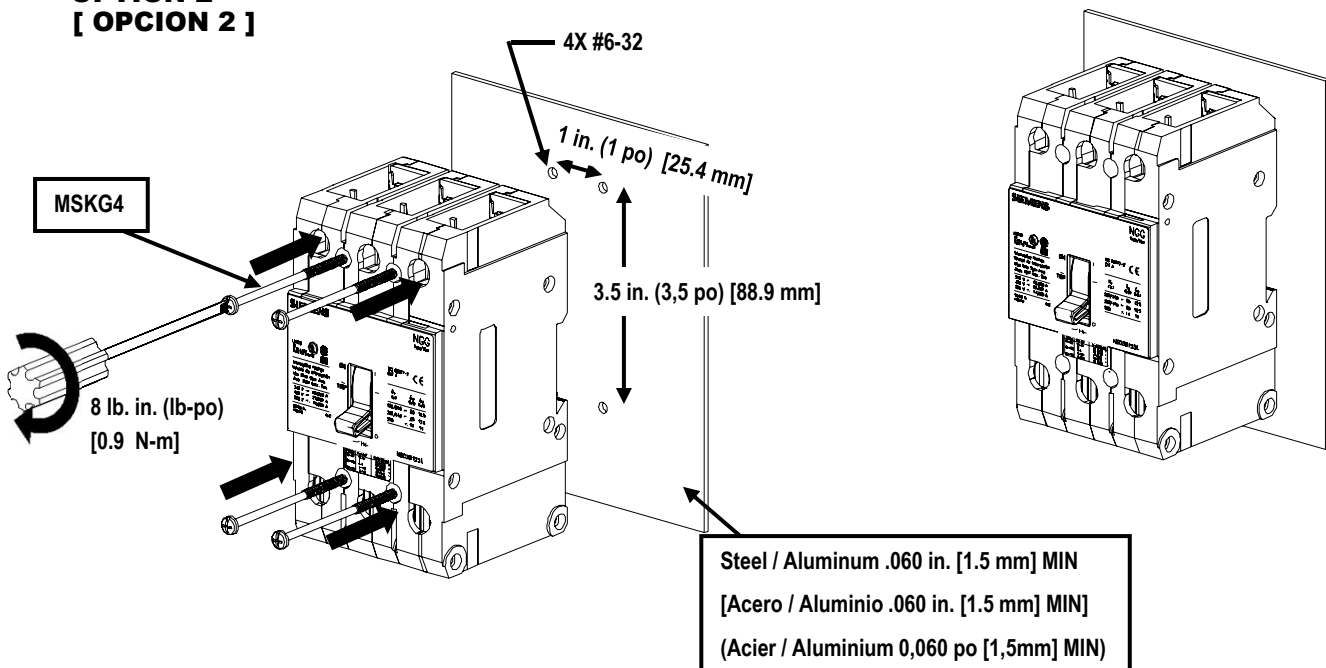
INSTALLATION [INSTALACION]

OPTION 1

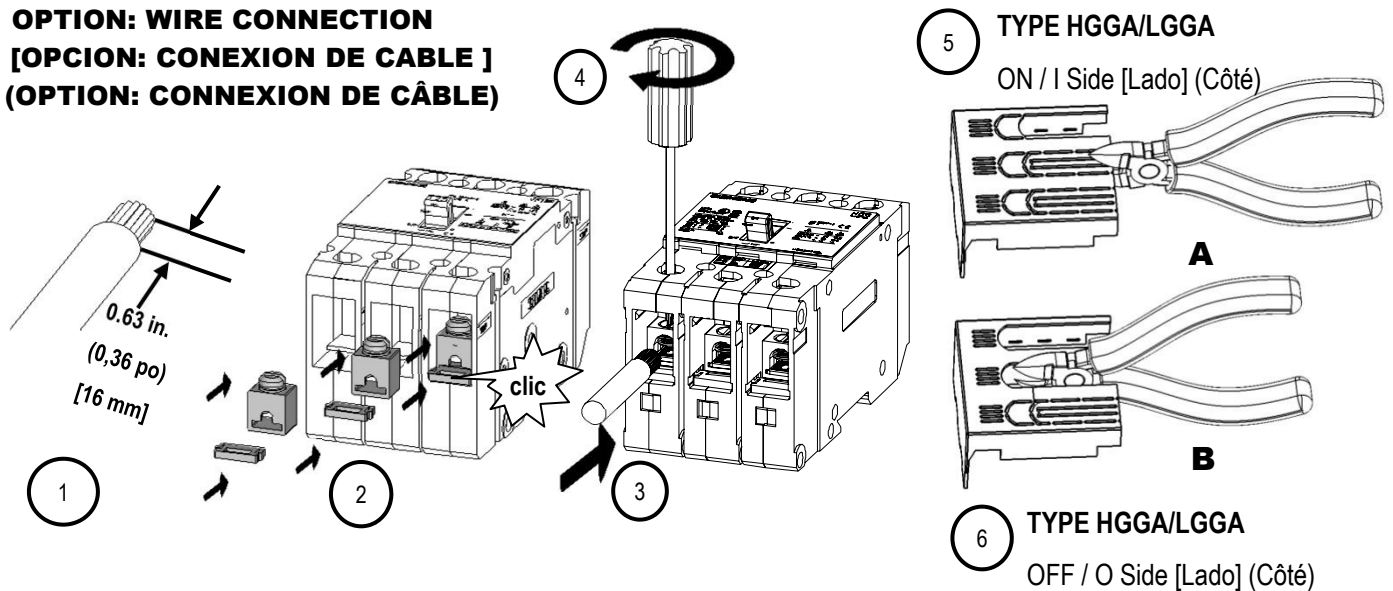
[OPCION 1]





OPTION 2 [OPCION 2]




OPTION: WIRE CONNECTION
[OPCION: CONEXION DE CABLE]
(OPTION: CONNEXION DE CÂBLE)




 15 - 30 Amp	Cu / Al 60° / 75° C 14 – 10 AWG – 35 lb. in. (35 lb-po) [4.0 N-m] 8 AWG – 40 lb. in. (40 lb-po) [4.5 N-m]
 35 - 125 Amp	Cu / Al 60° / 75° C 8 AWG – 40 lb. in. (40 lb-po) [4.5 N-m] 6 – 4 AWG – 45 lb. in. (45 lb-po) [5.1 N-m] 3 – 2/0 AWG – 55 lb. in. (55 lb-po) [6.2 N-m]

TYPE HGGA / LGGA

⚠ DANGER [PELIGRO]

 **ARCING POTENTIAL.** Terminal shields required for 347V or 600V applications.

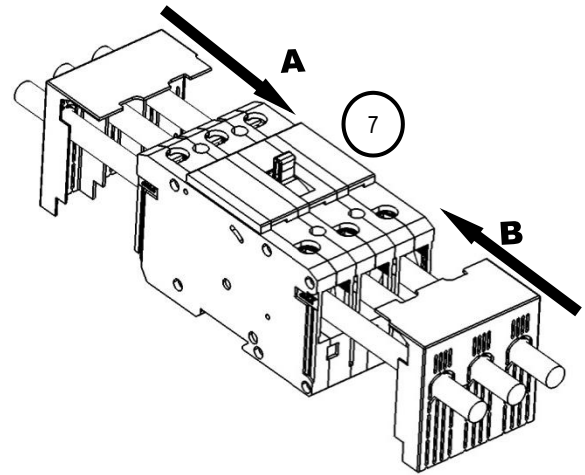
 **RIESGO DE ARQUEO.** Cubiertas de terminal requeridas para aplicaciones de 347V o 600V.

RISQUE D' ARC. Blindages terminaux requis pour 347V ou 600V applications.

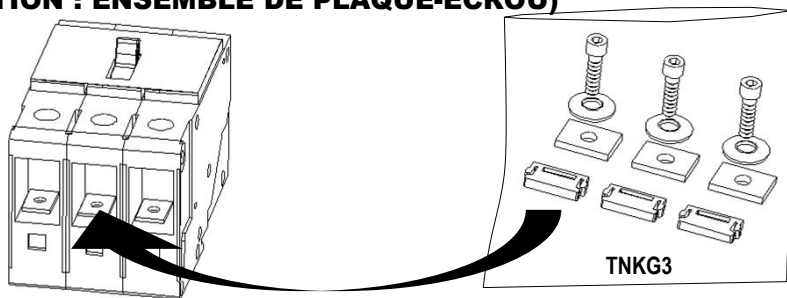
Required Conductor Stranding [Cantidad de hebras requeridas en alambre] (Âmes de conducteur requises)

Conductor Size [Tamaño de alambre] (Taille du conducteur)	Number of strands [Cantidad de hebras] (Nombre de brins)		
	Cu		Al
AWG or kcmil [mm ²] AWG ou kcmil [mm ²]	Class [Clase] (Classe) B	Class [Clase] (Classe) C	Class [Clase] (Classe) B
14 – 2 [2.1 – 33.6]	7	19	7 *
1 – 2/0 [42.4 – 67.4]	19	37	19

* Not to be used with Aluminum 14 AWG (2.1 mm²) conductors [No utilizar alambre de aluminio calibre 14 AWG] (Ne pas utiliser avec câble en aluminium 14 AWG (2,1 mm²))



OPTION: NUT KEEPER KIT
[OPCION: PLACAS TERMINALES PARA FIJACION DE CONEXIONES]
(OPTION : ENSEMBLE DE PLAQUE-ÉCROU)



Technical Support:
Soporte Técnico: Toll Free [Lada gratuita] (Sans Frais): 1-800-241-4453 Internet: www.usa.siemens.com/powerdistribution
Services de soutien technique :

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