



EZ Meter-Pak™ Meter Centers Centros de Medición EZ Meter-Pak™

Class Clase	Series Serie
4162	M

Retain for future use. / Conservar para uso futuro.

Precautions

Precauciones

⚠ DANGER / PELIGRO

HAZARD OF ELECTRIC SHOCK, EXPLOSION, OR ARC FLASH

- Apply appropriate personal protective equipment (PPE) and follow safe electrical work practices. See NFPA 70E.
- This equipment must only be installed and serviced by qualified electrical personnel.
- Turn off all power supplying this equipment before working on or inside equipment.
- Always use a properly rated voltage sensing device to confirm power is off.
- Replace all devices, doors and covers before turning on power to this equipment.

Failure to follow these instructions will result in death or serious injury.

PELIGRO DE DESCARGA ELÉCTRICA, EXPLOSIÓN O DESTELLO POR ARQUEO

- Utilice equipo de protección personal (EPP) apropiado y siga las prácticas de seguridad eléctrica establecidas por su Compañía, consulte la norma 70E de NFPA.
- Solamente el personal eléctrico especializado deberá instalar y prestar servicio de mantenimiento a este equipo.
- Desenergice el equipo antes de realizar cualquier trabajo en él.
- Siempre utilice un dispositivo detector de tensión nominal adecuado para confirmar la desenergización del equipo.
- Vuelva a colocar todos los dispositivos, las puertas y las cubiertas antes de volver a energizar el equipo.

El incumplimiento de estas instrucciones podrá causar la muerte o lesiones serias.

Installation

1. Turn off all power supplying this equipment before working on or inside equipment.
2. Calculate the height of the mounting channel by determining the proper meter height using Figure 1 on page 2 and the Table on page 3. Secure the mounting channels to the wall. See Figure 1.

Instalación

1. Desenergice el equipo antes de realizar cualquier trabajo en él.
2. Calcule la altura de los canales de montaje determinando la altura apropiada del medidor según la figura 1 en la página 2 y la tabla en la página 3. Sujete los canales de montaje a la pared. Vea la figura 1.

⚠ CAUTION / PRECAUCIÓN

HAZARD OF ELECTRICAL OVERLOAD

- Place 1000, 1200 and 1600 A main disconnect or terminal box in the middle of the meter center, if used with branch devices with main bus rated 800 A.
- Place 1600 and 2000 A main disconnect or terminal box in the middle of the meter center, if used with branch devices with main bus rated 1200 A.

Failure to follow these instructions can result in injury or equipment damage.

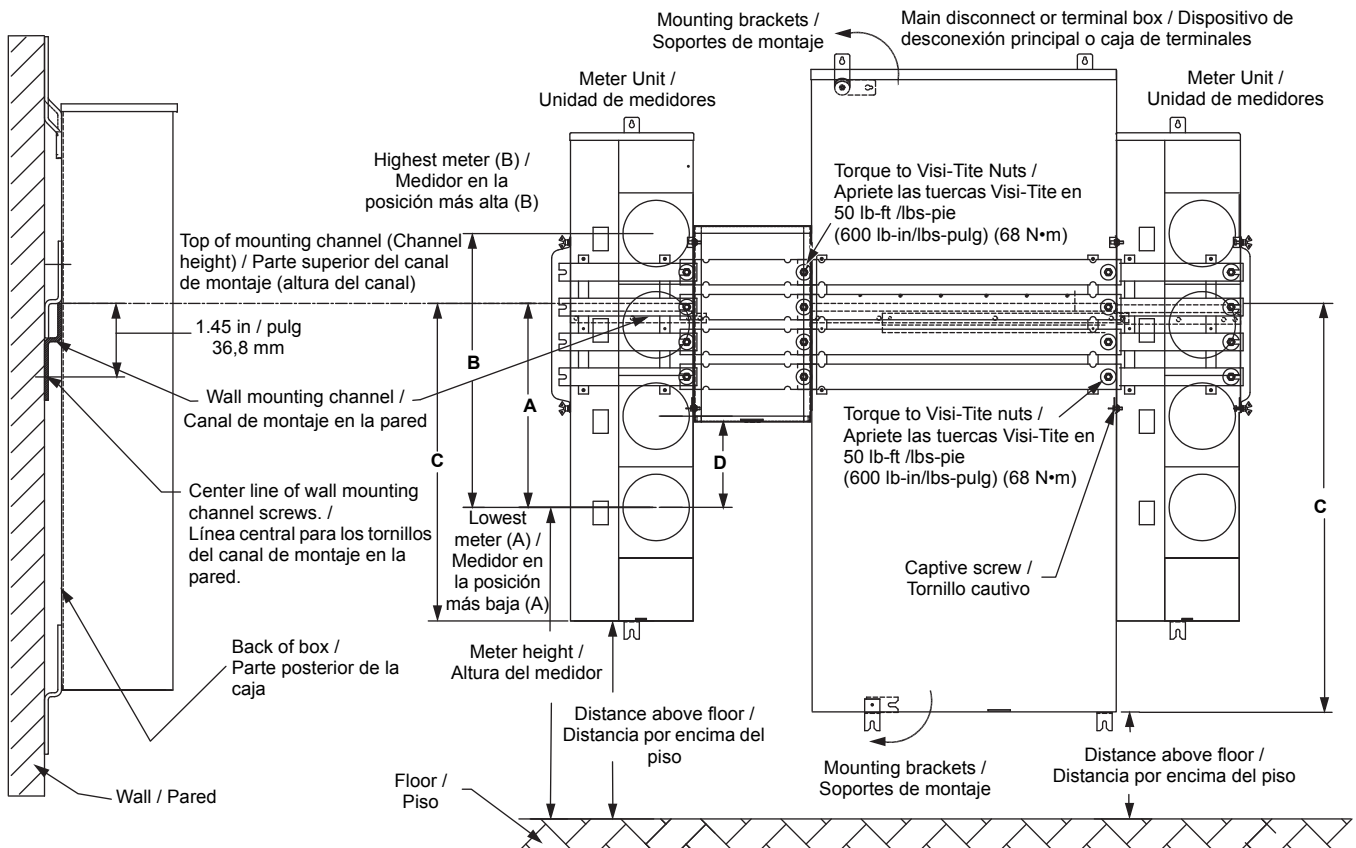
PELIGRO DE SOBRECARGA ELÉCTRICA

- Coloque un dispositivo de desconexión principal de 1 000, 1 200 y 1 600 A o una caja de terminales en la parte media del centro de medidores, si se utiliza con dispositivos de derivación con una barra principal de 800 A nominales.
- Coloque un dispositivo de desconexión principal de 1 600 y 2 000 A o una caja de terminales en la parte media del centro de medidores, si se utiliza con dispositivos de derivación con una barra principal de 1 200 A nominales.

El incumplimiento de estas instrucciones puede causar lesiones o daño al equipo.

- | | |
|--|--|
| <ol style="list-style-type: none"> 3. Rotate the mounting brackets out from behind the box. Hang the units on the mounting channel. 4. Remove appropriate closing cap(s) from the main disconnect or terminal box, left, right, or both, depending upon line-up. 5. Remove the covers from the main disconnect or terminal box, the tenant circuit breaker covers and meter covers. 6. Loosen the Visi-Tite® nuts located on the right hand side of the main or branch and slide the units together to interconnect the main horizontal bus. | <ol style="list-style-type: none"> 3. Gire los soportes de montaje hasta que salgan por detrás de la caja. Cuelgue las unidades sobre el canal de montaje. 4. Retire los casquillos de cierre apropiados del dispositivo de desconexión principal o caja de terminales, de la izquierda, derecha o ambos según su configuración. 5. Retire las cubiertas del dispositivo de desconexión principal o caja de terminales, las cubiertas de los interruptores automáticos del inquilino y las cubiertas de los medidores. 6. Afloje las tuercas Visi-Tite® situadas a la derecha del dispositivo principal o de derivación y deslice las unidades hasta juntarlas para interconectar la barra horizontal principal. |
|--|--|

Figure / Figura 1: Mounting Diagram / Diagrama de montaje



Catalog No. Suffix	Sufijo de no. de catálogo
X = 1200 A Main Bus	X = Barra principal de 1200 A
CU = All Copper Bus	CU = Barra totalmente de cobre
CA = Suitable for Use on 240/120 Vac Delta System	CA = Adecuado para usarse en sistemas delta de 240/120 V~ (c.a.)
D = Removable Rain Hood	D = Tapa escurridora desmontable
E = Factory-installed anti-inversion clip on 400 A lever bypass meter sockets	E = Las bases de medición con derivación tipo palanca de 400 A vienen de fábrica con un clip anti-inversión.
Notes	Notas
Channel Height = Minimum Height of Bottom Meter + A	Altura del canal = Altura mínima del medidor en la parte inferior + A
Channel Mounting Holes = Channel Height – 1.45 in. (36.8 N•m)	Agujeros de montaje del canal = Altura del canal – 1,45 pulg (36,8 N•m)
Top Meter Height = Minimum Height of Bottom Meter + B	Altura del medidor en la parte superior = Altura mínima del medidor en la parte inferior + B
Distance Above Floor = Channel Height – C	Distancia por encima del piso = Altura del canal – C

Branch Device / Dispositivo de derivación	A in. / pulg (mm)	B in. / pulg (mm)	C in. / pulg (mm)	D in. / pulg (mm)	Branch Device / Dispositivo de derivación	A in. / pulg (mm)	B in. / pulg (mm)	C in. / pulg (mm)	D in. / pulg (mm)	
EZM113-125	20.1 (510,5)	18.0 (457,2)	31.29 (794,8)	9.0 (228,6)	EZML111-200	12.11 (307,6)	—	37.81 (960,4)	—	
EZM313-125					EZML111-225					
EZMH113-125					EZML331-200					EZML331-225
EZMH313-125					EZML112-200					EZML112-225
EZMR113-125					EZML312-200					EZML312-225
EZMR313-125	EZML332-200	EZML332-225	12.11 (307,6)	14.0 (355,6)	25.5 (647,7)	14.0 (355,6)				
EZM114-125	20.1 (510,5)	27.0 (685,8)	31.29 (794,8)	9.0 (228,6)	EZML113-200	26.11 (663,2)	28.0 (711,2)	39.5 (1003,3)	14.0 (355,6)	
EZM314-125					EZML113-225					
EZMH114-125					EZML313-200					EZML313-225
EZMH314-125					EZML333-200					EZML333-225
EZMR114-125					EZML114-200					EZML114-225
EZMR314-125	EZML314-200	EZML314-225	26.11 (663,2)	42.0 (1066,8)	39.5 (1003,3)	14.0 (355,6)				
EZM115-125	20.1 (510,5)	36.0 (914,4)	31.29 (794,8)	9.0 (228,6)	EZML334-200	4.2 (106,7)*	—	16.1 (408,9)	—	
EZM315-125					EZML334-225					
EZMH115-125					EZMR334-200					EZMR334-225
EZMH315-125					EZMT111-200					EZMT111-225
EZMR115-125					EZMT311-200					EZMT311-225
EZMR315-125	EZMT331-200	EZMT331-225	14.7 (373,4)	38.0 (965,2)	43.6 (1107,4)	19.0 (482,6)				
EZM116-125	29.1 (739,1)	45.0 (1143,0)	40.29 (1023,4)	9.0 (228,6)	EZMT112-200	19.3 (490,2)	38.0 (965,2)	48.2 (1224,3)	19.0 (482,6)	
EZM316-125					EZMT312-200					EZMT312-225
EZMH116-125					EZMT332-200					EZMT332-225
EZMH316-125					EZMT113-200					EZMT113-225
EZMR116-125					EZMT313-200					EZMT313-225
EZMR316-125	EZMT333-200	EZMT333-225	16.29 (413,8)	—	37.81 (960,4)	—				
EZM112-200	20.1 (510,5)	9.0 (228,6)	32.33 (821,2)	9.0 (228,6)	EZML111400	16.29 (413,8)	27.4 (697,0)	37.81 (960,4)	27.44 (697,0)	
EZM312-200					EZML311400					
EZMH112-200					EZML112400					
EZMH312-200					EZML312400					
EZMR112-200					EZML332400					
EZMR312-200	EZML311-400	16.7 (424,2)	—	37.7 (957,6)	—					
EZM113-200	20.1 (510,5)	18.0 (457,2)	32.33 (821,2)	9.0 (228,6)	EZMK311-400	16.7 (424,2)	29.6 (751,8)	37.7 (957,6)	29.6 (751,9)	
EZM313-200					EZMK331-400					
EZMH113-200					EZMK112-400					
EZMH313-200					EZMK312-400					
EZMR113-200					EZMK332-400					
EZMR313-200	EZM313-125M10	12.11 (307,6)	20.0 (508)	24.29 (617,0)	—					
EZM114-200	20.1 (510,5)	27.0 (685,8)	32.33 (821,2)	9.0 (228,6)	EZM314-125M10	22.11 (561,6)	30.0 (762)	34.29 (871,0)	10.0 (254,0)	
EZM314-200					EZM315-125M10					
EZMH114-200										
EZMH314-200										
EZMR114-200										
EZMR314-200										
EZM115-225	20.1 (510,5)	36.0 (914,4)	32.33 (821,2)	9.0 (228,6)						
EZMH115-225										
EZMR115-225										

* Meter located above top of mounting channel. /
* Medidor situado arriba del canal de montaje.

Main Device / Dispositivo principal	C in. / pulg (mm)	Main Device / Dispositivo principal	C in. / pulg (mm)	Main Device / Dispositivo principal	C in. / pulg (mm)
EZM1225TB	—	EZM1600FST	11.75 (298,5)	EZM11000GCBT	38.12 (968,2)
EZM1400TB	16.29 (413,8)	EZM1800FST	46.25 (1174,8)	EZM31000GCBT	46.98 (1193,3)
EZM1600TB	26.79 (680,5)	EZM1600FSB	11.75 (298,5)	EZM11000GCBU	50.09 (1272,3)
EZM1400TBU	34.29 (871,0)	EZM1800FSB	46.25 (1174,8)	EZM31000GCBU	13.75 (349,3)
EZM1800TB	28.01 (711,5)	EZM1600GCBT	11.75 (298,5)	EZM11000GCBE	49.11 (1247,4)
EZM1800TBCU	30.79 (782,1)	EZM3600GCBT	46.25 (1174,8)	EZM31000GCBE	50.09 (1272,3)
EZM11200TBU	29.67 (753,6)	EZM1700GCBT	11.75 (298,5)	EZM11200GCBT	44.20 (1122,7)
EZM11600TB	37.62 (955,5)	EZM3700GCBT	50.09 (1272,3)	EZM31200GCBT	
EZM1400CB	34.29 (871,0)	EZM1800GCBT	11.75 (298,5)	EZM11200GCBU	
EZM1400FS	49.36 (1253,7)	EZM3800GCBT	46.25 (1174,8)	EZM31200GCBU	
EZM1400CBU	34.29 (871,0)	EZM1600GCBU	11.75 (298,5)	EZM11200FSB	
EZM1400FSU	49.36 (1253,7)	EZM1800GCBU	46.25 (1174,8)	EZM31200FSB	
EZM1600CB	34.29 (871,0)	EZM3700GCBU	50.09 (1272,3)	EZM11200GCB	
EZM1800CB	49.36 (1253,7)	EZM1800GCB	11.75 (298,5)	EZM31200GCB	
EZM11000CB	34.29 (871,0)	EZM3800GCB	46.25 (1174,8)	EZM11200FSE	
EZM1600FS	49.36 (1253,7)	EZM1600GCB	11.75 (298,5)	EZM31200FSE	
EZM1800FS	49.36 (1253,7)	EZM3600GCB	46.25 (1174,8)	EZM11600GCB	
EZM1600CBU	46.98 (1193,3)	EZM1700GCB	11.75 (298,5)	EZM31600GCB	
EZM1800CBU	46.98 (1193,3)	EZM1800GCB	46.25 (1174,8)	EZM31600GCBU	
EZM1600FSU	46.98 (1193,3)	EZM3800GCB	50.09 (1272,3)	EZM12000CB	
EZM1800FSU	46.98 (1193,3)	EZM1600GCB	11.75 (298,5)	EZM32000CB	
EZM11000CBU	46.98 (1193,3)	EZM3600GCB	46.25 (1174,8)	EZM12000CBU	
		EZM1700GCB	11.75 (298,5)		
		EZM1800GCB	46.25 (1174,8)		
		EZM3700GCB	50.09 (1272,3)		
		EZM1800GCB	11.75 (298,5)		
		EZM3800GCB	46.25 (1174,8)		
		EZM1600GCB	11.75 (298,5)		
		EZM3600GCB	46.25 (1174,8)		
		EZM1700GCB	11.75 (298,5)		
		EZM1800GCB	46.25 (1174,8)		
		EZM3700GCB	50.09 (1272,3)		
		EZM1800GCB	11.75 (298,5)		
		EZM3800GCB	46.25 (1174,8)		
		EZM1600GCB	11.75 (298,5)		
		EZM3600GCB	46.25 (1174,8)		
		EZM1700GCB	11.75 (298,5)		
		EZM1800GCB	46.25 (1174,8)		
		EZM3700GCB	50.09 (1272,3)		
		EZM1800GCB	11.75 (298,5)		
		EZM3800GCB	46.25 (1174,8)		
		EZM1600GCB	11.75 (298,5)		
		EZM3600GCB	46.25 (1174,8)		
		EZM1700GCB	11.75 (298,5)		
		EZM1800GCB	46.25 (1174,8)		
		EZM3700GCB	50.09 (1272,3)		
		EZM1800GCB	11.75 (298,5)		
		EZM3800GCB	46.25 (1174,8)		
		EZM1600GCB	11.75 (298,5)		
		EZM3600GCB	46.25 (1174,8)		
		EZM1700GCB	11.75 (298,5)		
		EZM1800GCB	46.25 (1174,8)		
		EZM3700GCB	50.09 (1272,3)		
		EZM1800GCB	11.75 (298,5)		
		EZM3800GCB	46.25 (1174,8)		
		EZM1600GCB	11.75 (298,5)		
		EZM3600GCB	46.25 (1174,8)		
		EZM1700GCB	11.75 (298,5)		
		EZM1800GCB	46.25 (1174,8)		
		EZM3700GCB	50.09 (1272,3)		
		EZM1800GCB	11.75 (298,5)		
		EZM3800GCB	46.25 (1174,8)		
		EZM1600GCB	11.75 (298,5)		
		EZM3600GCB	46.25 (1174,8)		
		EZM1700GCB	11.75 (298,5)		
		EZM1800GCB	46.25 (1174,8)		
		EZM3700GCB	50.09 (1272,3)		
		EZM1800GCB	11.75 (298,5)		
		EZM3800GCB	46.25 (1174,8)		
		EZM1600GCB	11.75 (298,5)		
		EZM3600GCB	46.25 (1174,8)		
		EZM1700GCB	11.75 (298,5)		
		EZM1800GCB	46.25 (1174,8)		
		EZM3700GCB	50.09 (1272,3)		
		EZM1800GCB	11.75 (298,5)		
		EZM3800GCB	46.25 (1174,8)		
		EZM1600GCB	11.75 (298,5)		
		EZM3600GCB	46.25 (1174,8)		
		EZM1700GCB	11.75 (298,5)		
		EZM1800GCB	46.25 (1174,8)		
		EZM3700GCB	50.09 (1272,3)		
		EZM1800GCB	11.75 (298,5)		
		EZM3800GCB	46.25 (1174,8)		
		EZM1600GCB	11.75 (298,5)		
		EZM3600GCB	46.25 (1174,8)		
		EZM1700GCB	11.75 (298,5)		
		EZM1800GCB	46.25 (1174,8)		
		EZM3700GCB	50.09 (1272,3)		
		EZM1800GCB	11.75 (298,5)		
		EZM3800GCB	46.25 (1174,8)		
		EZM1600GCB	11.75 (298,5)		
		EZM3600GCB	46.25 (1174,8)		
		EZM1700GCB	11.75 (298,5)		
		EZM1800GCB	46.25 (1174,8)		
		EZM3700GCB	50.09 (1272,3)		
		EZM1800GCB	11.75 (298,5)		
		EZM3800GCB	46.25 (1174,8)		
		EZM1600GCB	11.75 (298,5)		
		EZM3600GCB	46.25 (1174,8)		
		EZM1700GCB	11.75 (298,5)		
		EZM1800GCB	46.25 (1174,8)		
		EZM3700GCB	50.09 (1272,3)		
		EZM1800GCB	11.75 (298,5)		
		EZM3800GCB	46.25 (1174,8)		
		EZM1600GCB	11.75 (298,5)		
		EZM3600GCB	46.25 (1174,8)		
		EZM1700GCB	11.75 (298,5)		
		EZM1800GCB	46.25 (1174,8)		
		EZM3700GCB	50.09 (1272,3)		
		EZM1800GCB	11.75 (298,5)		
		EZM3800GCB	46.25 (1174,8)		
		EZM1600GCB	11.75 (298,5)		
		EZM3600GCB	46.25 (1174,8)		
		EZM1700GCB	11.75 (298,5)		
		EZM1800GCB	46.25 (1174,8)		
		EZM3700GCB	50.09 (1272,3)		
		EZM1800GCB	11.75 (298,5)		
		EZM3800GCB	46.25 (1174,8)		
		EZM1600GCB	11.75 (298,5)		
		EZM3600GCB	46.25 (1174,8)		
		EZM1700GCB	11.75 (298,5)		
		EZM1800GCB	46.25 (1174,8)		
		EZM3700GCB	50.09 (1272,3)		
		EZM1800GCB	11.75 (298,5)		
		EZM3800GCB	46.25 (1174,8)		
		EZM1600GCB	11.75 (298,5)		
		EZM3600GCB	46.25 (1174,8)		
		EZM1700GCB	11.75 (298,5)		
		EZM1800GCB	46.25 (1174,8)		
		EZM3700GCB	50.09 (1272,3)		
		EZM1800GCB	11.75 (298,5)		
		EZM3800GCB	46.25 (1174,8)		

7. Tighten the 1/4-20 nuts (provided) onto the captive screws located on the box side around the main horizontal bus joints. See Figure 2.

NOTE: All three screw/nuts (A) must be tightened to 50 lb-in. (5.6 N•m) for adequate bonding. Do not overtighten.

8. Secure the units to the wall with the mounting brackets.

9. Connect the horizontal bus by tightening the Visi-Tite nuts until the outer head twists off.

NOTE: If the red disc is visible, the joint is not tight. For maintenance or relocation, tighten to 600 lbs-in. (68 N•m) with a torque wrench.

10. Remove all broken outer head Visi-Tite nuts and red discs from inside cabinets, and discard.

11. Close the horizontal bus openings at both ends of the meter run with closing caps removed in step 4.

NOTE: Use sealing wing nuts (provided), one at top and one at bottom of closing cap, when required.

12. Replace all outer covers.

7. Apriete las tuercas de 1/4 - 20 (incluidas) en los tornillos cautivos situados al lado de la caja alrededor de las uniones de la barra horizontal principal. Vea la figura 2.

NOTA: Los tres tornillos con tuerca (A) deberán apretarse a 5,6 N•m (50 lbs-pulg) para que se unan correctamente. No los apriete excesivamente.

8. Sujete las unidades a la pared con los soportes de montaje.

9. Conecte la barra horizontal apretando las tuercas Visi-Tite hasta que la cabeza exterior se desprenda.

NOTA: Si el disco rojo está visible, la junta no está apretada. Durante los servicios de mantenimiento o reubicación, apriete las tuercas a 68 N•m (600 lbs-pulg) con una llave de apriete prefijado.

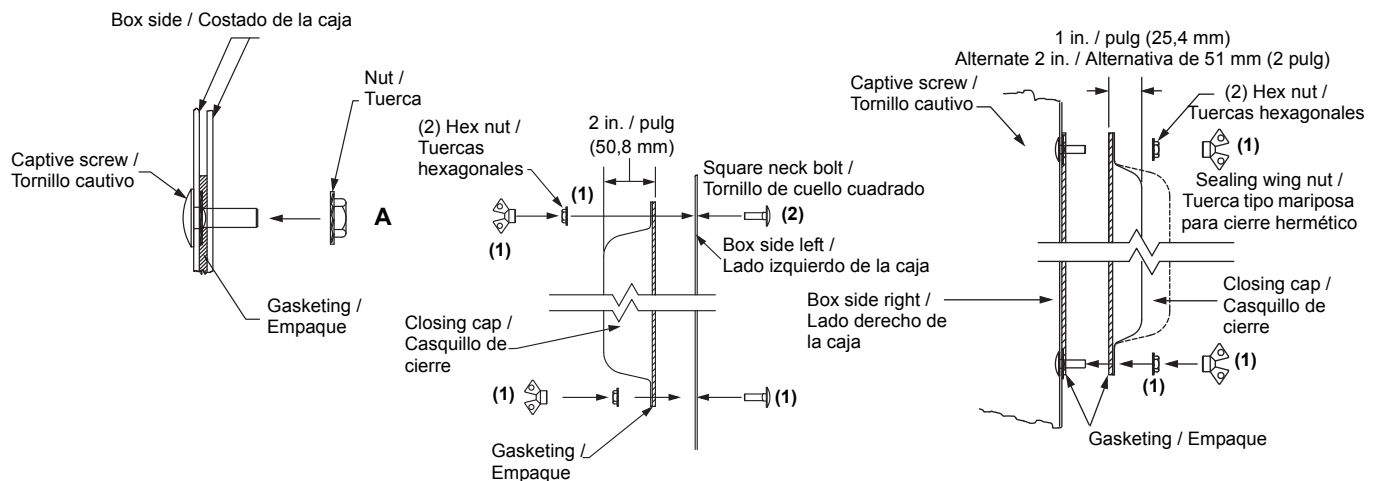
10. Retire y deseche las cabezas exteriores rotas de las tuercas Visi-Tite y discos rojos que se encuentren dentro de los gabinetes.

11. Tape los agujeros para las barras horizontales en ambos lados del grupo de medidores utilizando los casquillos de cierre que retiró en el paso 4.

NOTA: Utilice tuercas tipo mariposa para cierre hermético (incluidas), una en la parte superior y otra en la parte inferior del casquillo de cierre, si es necesario.

12. Vuelva a colocar todas las cubiertas exteriores.

Figure / Figura 2: Installing Nut and Closing Caps / Instalación de las tuercas y casquillos de cierre



Electrical equipment should be installed, operated, serviced, and maintained only by qualified personnel. No responsibility is assumed by Schneider Electric for any consequences arising out of the use of this material.

Square D™ and Schneider Electric™ are trademarks or registered trademarks of Schneider Electric. Other trademarks used herein are the property of their respective owners.

Schneider Electric USA, Inc.

1601 Mercer Road
Lexington, KY 40511 USA
1-888-778-2733
www.schneider-electric.us

Solamente el personal especializado deberá instalar, hacer funcionar y prestar servicios de mantenimiento al equipo eléctrico. Schneider Electric no asume responsabilidad alguna por las consecuencias emergentes de la utilización de este material.

Square D™ y Schneider Electric™ son marcas comerciales o marcas registradas de Schneider Electric. Cualquier otra marca comercial utilizada en este documento pertenece a sus respectivos propietarios.

Importado en México por:
Schneider Electric México, S.A. de C.V.

Calz. J. Rojo Gómez 1121-A
Col. Gpe. del Moral 09300 México, D.F.
Tel. 55-5804-5000
www.schneider-electric.com.mx