



# LINAM Wireless Current Sensor Installation

## CAUTION

Configure the LINAM WCS prior to installation. See the SEL-734W and LINAM WCS Field Reference Guide for details.

Install the LINAM WCS on a distribution line by using an industry-standard shotgun stick.

- Step 1. Determine the normal direction of current flow. Plan to install the LINAM WCS upstream from the capacitor bank with the attached arrow label pointed downstream towards the capacitor. The sensors are directional, so they must be oriented in this way to function properly.
- Step 2. Use a shotgun stick to grasp the hook eye on the side of the LINAM WCS, and place the device on the line so that the opening hangs over the line.



**Figure 1** Positioning the LINAM WCS

- Step 3. Apply slight downward pressure while pulling the shotgun stick toward you until the device is closed around the line. The spring mechanism should be pushed in, so that it wraps around the line.



**Figure 2** LINAM WCS Installation Position

Step 4. Apply slight upward pressure until the device is secured around the line, as shown in *Figure 3*.



**Figure 3** LINAM WCS Secure on the Line

Step 5. Use the shotgun stick to adjust the transmitter orientation so that it is directly vertical. This is important to ensure the best propagation characteristics for the internal antenna.

## Regulatory Information

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The LINAM WCS is approved for use only with specific output power configurations that have been tested and approved. Modifications to the LINAM WCS, the SEL-734W, the antenna system, and the power output that have not been explicitly specified by the manufacturer are not permitted and may render the radio noncompliant with applicable regulatory authorities. The radio equipment described in this manual emits radio frequency energy. Professional installation is required.

### United States (FCC)

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

### Brazil

Este equipamento não tem direito à proteção contra interferência prejudicial e não pode causar interferência em sistemas devidamente autorizados.

Este produto não é apropriado para uso em ambientes domésticos, pois poderá causar interferências eletromagnéticas que obrigam o usuário a tomar medidas necessárias para minimizar estas interferências.

## Canada

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage ; (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

## Technical Support

We appreciate your interest in SEL products and services. If you have questions or comments, please contact us at:

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<p><b>⚠ WARNING</b> Operator safety may be impaired if the device is used in a manner not specified by SEL.</p>	<p><b>⚠ AVERTISSEMENT</b> La sécurité de l'opérateur peut être compromise si l'appareil est utilisé d'une façon non indiquée par SEL.</p>
<p><b>⚠ DANGER</b> Contact with instrument terminals can cause electrical shock that can result in injury or death.</p>	<p><b>⚠ DANGER</b> Tout contact avec les bornes de raccordement de l'appareil peut causer un choc électrique pouvant entraîner des blessures ou la mort.</p>
<p><b>⚠ DANGER</b> Install Wireless Current Sensor and sensors in accordance with normal safe operating procedures. These instructions are not intended to replace or supersede existing safety or operating requirements. Only trained qualified personnel with knowledge of high voltage safety should install or operate fault transmitters.</p>	<p><b>⚠ DANGER</b> Installer capteur de courant sans fil les capteurs de défaut conformément aux procédures normales d'utilisation en toute sécurité. Ces instructions ne sont pas destinées à remplacer les exigences de sécurité ou de fonctionnement existantes. Seul le personnel qualifié, avec formation en sécurité haute tension, doit installer ou utiliser des émetteurs de défaut.</p>
<p><b>⚠ CAUTION</b> Although the power level is low, concentrated energy from a directional antenna may pose a health hazard. Do not allow users to come closer than 23 cm (9 in) to the transmitter when it is operating.</p>	<p><b>⚠ DANGER</b> Bien que le niveau de puissance soit faible, la concentration d'énergie provenant d'une antenne directionnelle peut présenter un risque pour la santé. Ne pas permettre aux utilisateurs de s'approcher de moins de 23 cm de l'émetteur lorsqu'il fonctionne.</p>

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