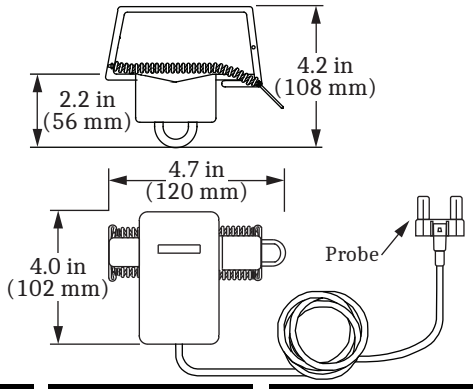
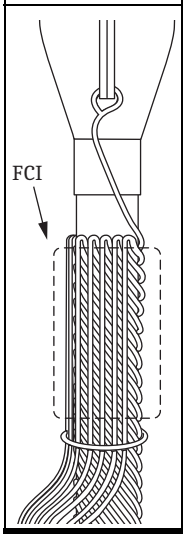
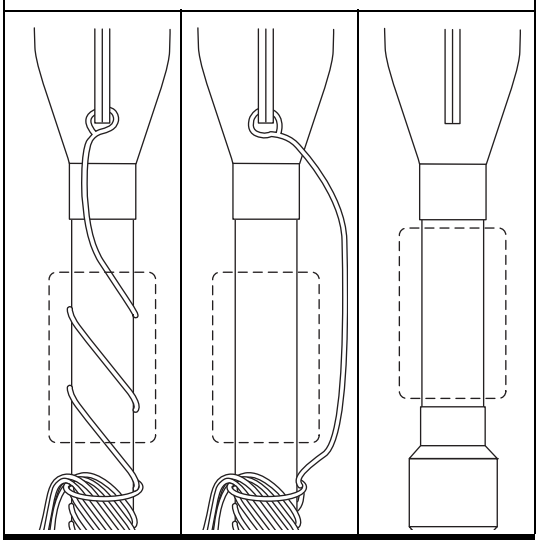
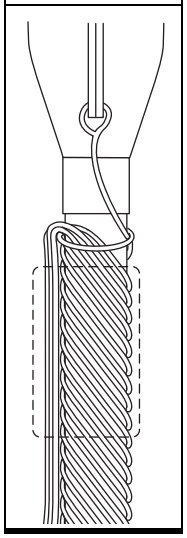
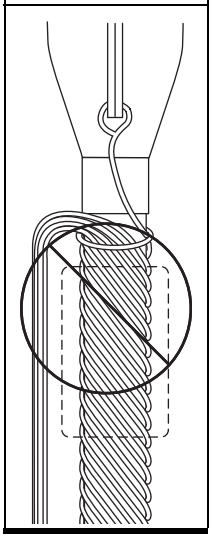
1ARUM
Installation Instructions

Before installation of fault indicators and sensors, read and understand all instructions in their entirety. For assistance, please contact Customer Service at 1-847-362-8304 or by email at infolz@selinc.com.

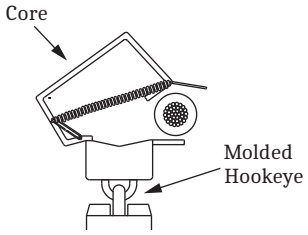


⚠CAUTION

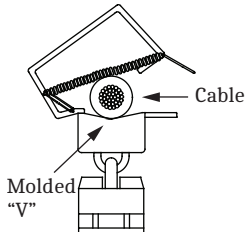
Install fault indicators and sensors in accordance with normal safe operating practices. These instructions are not intended to replace or supersede existing safety or operating requirements. Only trained qualified personnel should install or operate fault indicators and sensors.

Preferred	Acceptable	Consult Factory	Incorrect	Neutral Training for Phase Sensor
				The way the neutral is trained and the correct placement of all FCI sensors are essential for proper function of the FCI. Shown are several methods of neutral training. Note the position of each FCI sensor. Double-back training is the preferred method. Three acceptable methods are shown. The last method prevents proper FCI function. *Do not use this method* when applying FCI sensors.

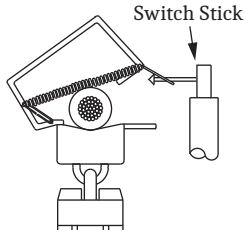
Install the Phase Sensor(s)



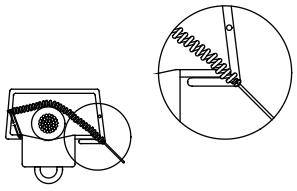
Use a hot stick to grasp the molded hookeye on the face of the phase sensor. Open the core.



Position the cable to rest in the molded "V" of the phase sensor housing.



Using a switch stick, close the core around the cable.



Verify that the core is closed and properly mated.

Connect the Probe

Insert the magnetic probe of the phase sensor into the wireless interface port corresponding to the phase and the way you want the sensor to represent.

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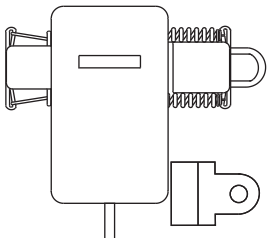
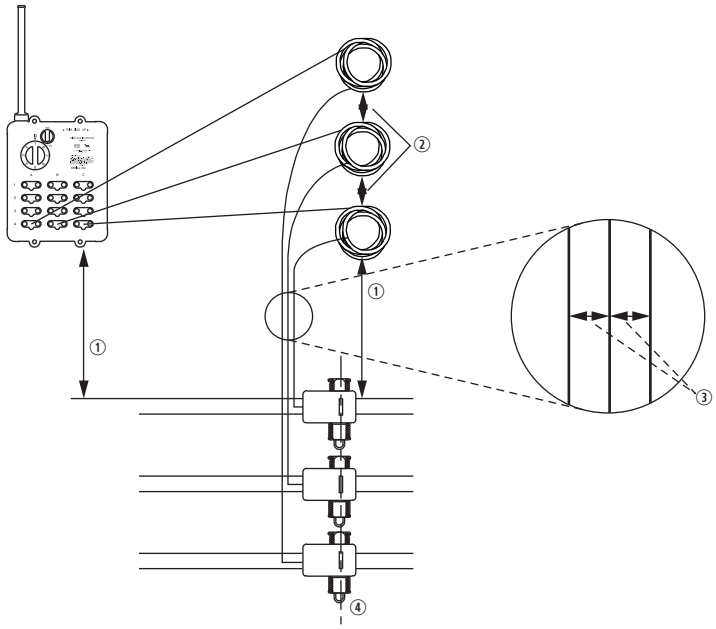
Field Testing



Ensure that the conductor is energized and the minimum load current has been present for at least three minutes. Hold the CRSRTT tool against the bottom right side of the housing for at least 15 seconds. Remove the tool to complete the trip or reset the process.

The CRSRTT is sold separately as Catalog Number: CRSRTT

Proper FCI Probe Lead Training



The coiled FCI probe lead and the SEL-8300(A) must be at least 1 m from any primary cable (①).

The minimum spacing between coiled FCI probe leads should be greater than or equal to 100 mm (②).

The minimum spacing between FCI probe lead runs should be greater than or equal to 10 mm (③).

Note: To achieve maximum adjacent phase immunity, position FCIs with the cores aligned (④) wherever possible.

Figure 1

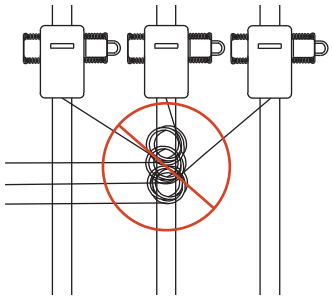


Figure 2

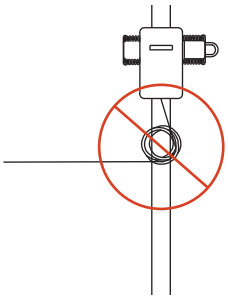


Figure 3

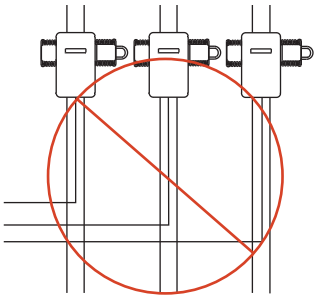


Figure 4

Do not bundle the FCI probe leads onto one another, tie them tightly with cable ties, or wrap them together (*Figure 2*).

Do not place the coiled FCI probe leads on the primary cables (*Figure 3*).

Do not train the FCI probe leads along primary cable runs (*Figure 4*).

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