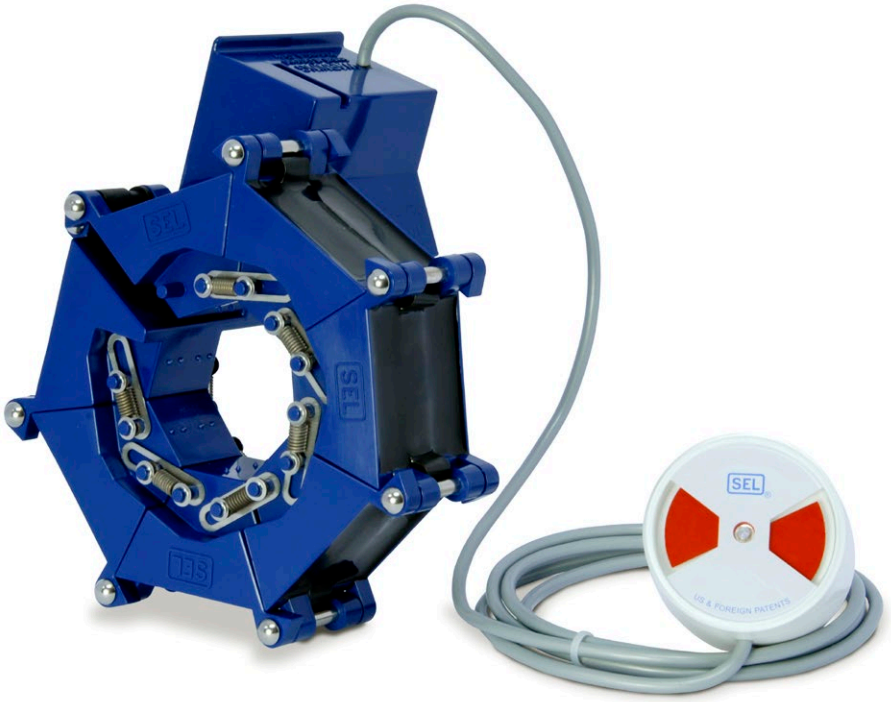
SEL-PILC

Underground Paper-Insulated Lead-Covered Cable Fault Indicator



Find faults faster on paper-insulated lead cable (PILC)

- Identify the location of a fault on PILC.
- Apply on a wide range of PILC sizes and configurations and on triplexed cable.
- Optimize fault-finding time with 4- or 8-hour automatic reset.
- Install the split-core sensor quickly and simply without disconnecting the PILC.
- Compatible with the RadioRANGER® Underground Wireless Fault Indication System
- Ten-year warranty, the longest in the fault indicator industry.

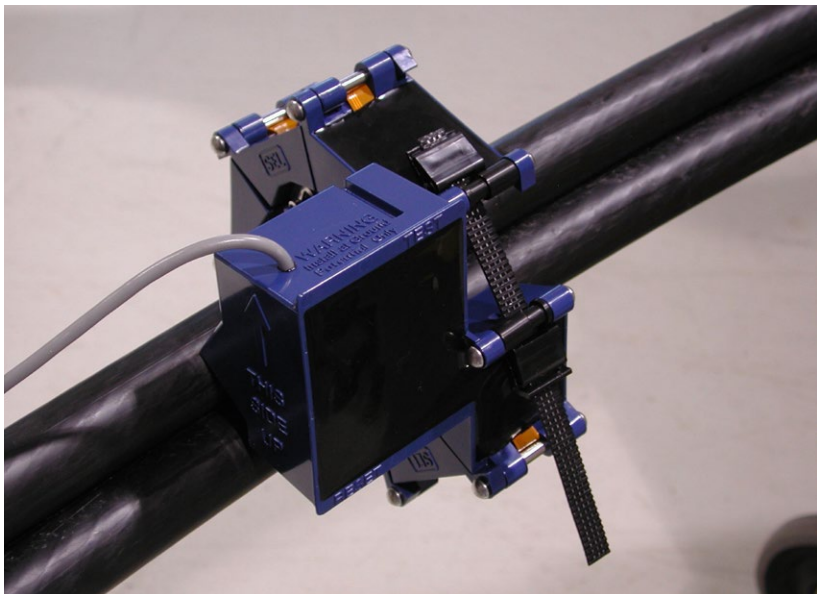
Key Features

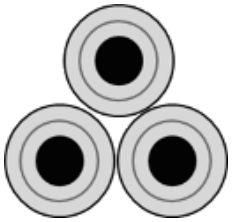
Apply on Any PILC Configuration

The SEL-PILC fits on 2.2" to 4.64" diameter, single-phase triplexed and three-phase sector (or round) PILC. It also provides fault indication on triplexed cable.

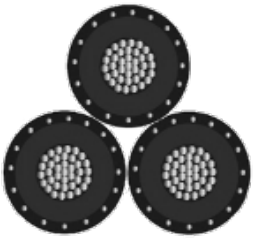
Simple to Install

- SEL-PILC wraps around the outside of the PILC.
- It does not require separation of phases, cable disconnection or retermination.
- It locks in place with spring compression and a zip tie.



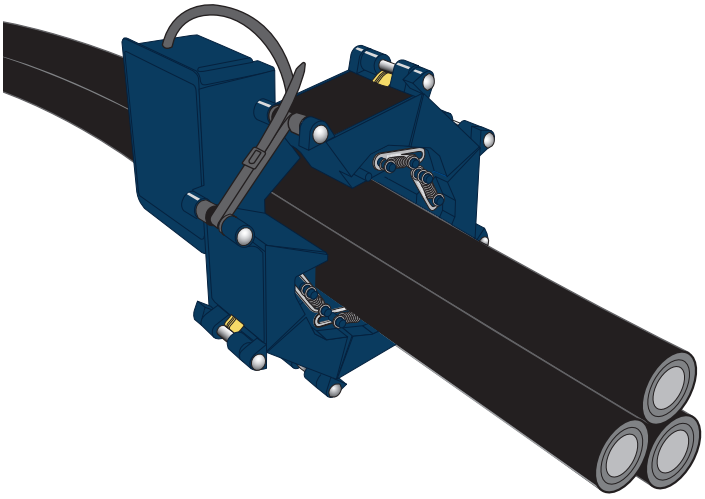


Single-Phase Triplexed PILC

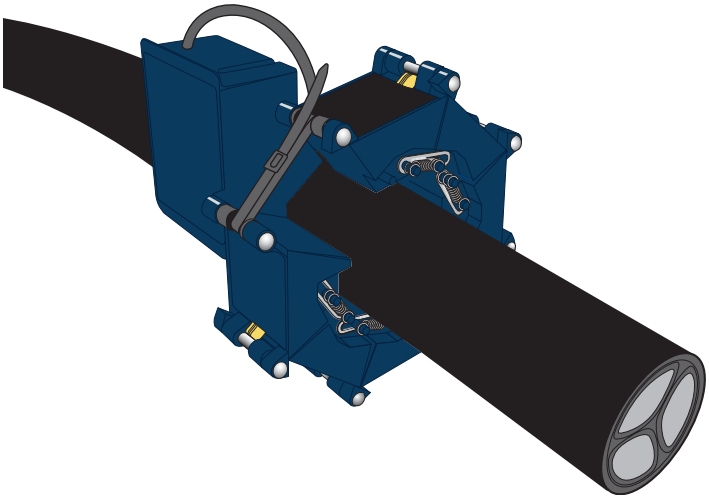


Single-Phase Triplexed With Nonmagnetic Cancentric Neutral or Foil Tape PILC

Three-Phase Sector PILC



Single-Phase Triplexed PILC Application



Three-Phase Sector (or round) PILC Application

Applications

Find Faults on PILC Systems Without Leaving the Truck

As part of the RadioRANGER Underground Wireless Fault Indication System, SEL-PILC fault indicators make fault finding on urban systems as simple and quick as possible. Troubleshooters use the information displayed on the Remote Fault Reader to find the faulted cable section, in many cases without leaving the truck.

Visit **selinc.com/products/RadioRANGER** to learn more about the SEL-PILC and RadioRANGER Wireless Fault Indication System.

PILC Specifications

General Specifications	
System Voltage Range	For application on shielded, insulated distribution cable
Power Source	3.6 V lithium cell with 20-year shelf life and 15-plus-year expected field life
Reset Type	Timed reset with a manual reset feature
System Frequency	50 to 60 Hz
Nominal Trip Rating	400, 600, 800, 1,000, or 1,200 A (phase-to-ground)
Cable Applications	55.9 mm (2.2 in) to 116.8 mm (4.6 in) diameter triplexed, single-phase and three-phase sector (or round) PILC conductors (Please contact SEL for information about application on triplexed cable.)
Display Options	Reflective red target display RadioRANGER Underground Wireless Fault Indication System interface probe Reflective red target display with auxiliary contact
Contact Rating	Maximum switching power: 45 W, 50 VA Maximum switching voltage: 220 V dc, 250 V ac Maximum switching current: 1.5 A dc, 0.8 A ac Maximum carrying current 1.5 A dc, 0.8 A ac
Mounting Diameter Range Options	Small, Min: 55.9 mm (2.2 in), Max: 81.3 mm (3.2 in) Medium, Min: 78.7 mm (3.1 in), Max: 101.6 mm (4.0 in) Large, Min: 101.6 mm (4.0 in), Max: 116.8 mm (4.6 in)
Submersibility	4.6 m (15 ft)
Housing	UV-stabilized polycarbonate
Temperature Range	−40° to +85°C (−40° to +185°F)
Weight	3.9 lb (varies with model size)
Warranty	10 years

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