



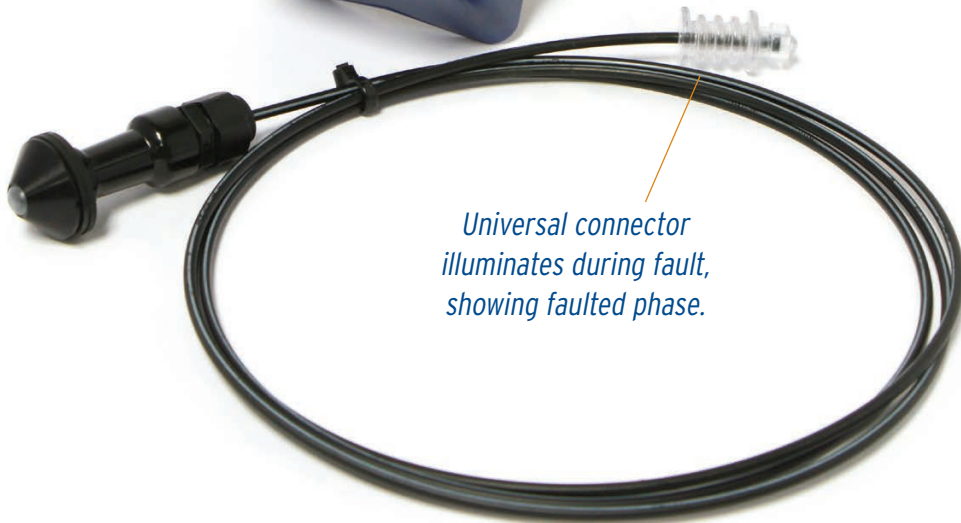
# Underground AutoRANGER®

With Optional Detachable Fiber-Optic BEACON® LED Remote Display

**Best Technology.  
Brightest Light.**



*Reduce fault-finding time by 50 percent with the low-maintenance, low-cost Underground AutoRANGER®.*



*Universal connector illuminates during fault, showing faulted phase.*

## Features and Benefits

Apply on underground distribution equipment, such as pad-mounted transformers, switchgear, and junction boxes.

### Display Options:

- Integrated, illuminated LED on the phase sensor.
- Remote BEACON LED with detachable fiber-optic lead cable.
  - Fits in 5/16" mounting hole, lending itself to easy conversion from all manufacturers' products.
  - Includes sealing washer for superior cabinet corrosion protection.

**Priced Right:** The most cost-effective solution.

**Inrush Restraint Logic:** Loss-of-current activated.

**System-Wide Adaptability:** The AutoRANGER's autoconfiguration features decrease the need for crew training, selection analysis, and inventory, resulting in fewer application errors.

***Making Electric Power Safer, More Reliable, and More Economical®***

# SEL Underground AutoRANGER With New Fiber-Optic Display

## Specifications

### Trip Value Range

50 to 1200 A

### Voltage Range

Equal to voltage class of shielded underground cable

### Minimum Operating Current

3 A

### Timed Reset With Current Restoration Override

0-, 2-, 4-, and 8-hour options

### Battery

3.6 V lithium cell, high capacity

### Dynamic Trip-Response Time

Standard

### Inrush Restraint Response Time

5 cycles minimum loss of current

### Temperature Range

-40° to +85°C (-40° to +185°F)

### Manual Test Activation

Use CRSRTT test tool applied to phase sensor (sold separately)

## Commitment to Quality

Five-year, no-questions-asked warranty

Field application assistance available

## Part Number Configuration Guide

### ARUZ Ordering Options

Underground Phase Desig.	BEACON® LED Option	AutoRANGER Underground	Display Type Option	Timed Reset Duration	Core Option	Display Lead Length	Factory Code
<b>1</b>	<b>B</b>	<b>ARUZ</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>Y2</b>
Single-Phase	BEACON LED	Fault Indicator Type	<b>R</b> - Remote Fiber-Optic <b>I</b> - Integral	<b>0</b> - 0 hrs <b>2</b> - 2 hrs <b>4</b> - 4 hrs <b>8</b> - 8 hrs	Leave blank for standard core. <b>L</b> - Large core 1.6" to 2.5"	Leave blank for no lead. (integral display only) <b>G</b> - 6 ft <b>C</b> - 8 ft <b>E</b> - 10 ft <b>H</b> - 15 ft <b>Q</b> - 20 ft	

*Choose display type*

*Choose timed reset period*

*Choose core size*

*Choose display lead length*

### Fiber-Optic Lead Ordering Options (can be ordered separately)

Lead Length in Feet	Single-Phase Remote Catalog Number	SEL Code
6	915990106	G
8	915990108	C
10	915990110	E
15	915990115	H
20	915990120	Q

