Ground-Fault & Phase-Voltage Indicator

Description
The EL3100 is a self-powered ground-fault and phase-voltage indication system for 3-phase systems. The EL3100 meets the National Electrical Code (NEC) and the Canadian Electrical Code (CEC) requirements for ground detectors for ungrounded alternating-current systems. Voltage connections are provided on the EL3100 for 208, 240, 480, and 600-V systems. Three green LED’s on the EL3100 indicate the presence of phase-to-ground voltage and one red LED indicates a ground fault. The EL3100 can operate stand-alone or with up to five remote LED indicators. A solid-state relay output provides indication of a ground fault. The output relay is closed when the 3-phase neutral voltage shifts as the result of ground leakage.

Specifications
- **Input Voltage**: 208/240 Vac
- **Input H**: 480/600 Vac
- **Dimensions**:
  - H: 87.0 mm (3.43")
  - W: 112.5 mm (4.43")
  - D: 56.0 mm (2.2")
- **Approvals**: CSA certified, UL Listed (E340889)
- **Conformally Coated**: Standard feature
- **Warranty**: 5 years
- **Mounting**: DIN, Surface

Features & Benefits
- **NEC® and CEC Code compliant**: Meets National Electrical Code (NEC®) Article 250.21 and Canadian Electrical Code Part 1, Section 10-106 (2) requirements for ungrounded systems
- **Low-voltage remote LEDs**: System voltage is not present at the remote LED location
- **Phase-voltage indication**: Indicates the presence of voltage on both grounded and ungrounded systems
- **Output relay**: Allows for remote ground-fault indication

Accessories
- **Remote LEDs**: High-intensity 16-mm IP67 LED lamps available in red and green colors.

Ordering Information
- **ORDERING NUMBER**
  - EL3100-00
- **ACCESSORIES**
  - RK-310X-0Y

Note: X=R for red LED and G for green LED
Y=0 for no label and 1 for a ground-fault label