Monitor the presence or absence of line voltage

- Monitors the presence or absence of AC voltage, 50-250 VAC.
- 2-position screw-terminal connection.
- Supports 2-wire sensor cable up to 1,000 feet (305 meters).
- Available with a standard US 120V 10A NEMA 5-15 plug or universal 250V IEC C14 socket.
- Examples of interfacing devices:
  - Electrical sources
  - Power couplings
  - Line power
  - UPS, power supplies
  - Sump pumps
  - Intrusion Prevention Systems (IPS), Intrusion Detection Systems (IDS)
  - Sensors, such as: strain gauge, pressure transducer, RTD, thermistor, thermocouple, piezo electric sensors, photoresistor, industrial accelerometer, any kind of variable resistor, and any kind of sensor that outputs a voltage.

Specifications

- Measurement range: detects mains voltage from 50 to 250 VAC.
- Measurement indication: Alarm or Normal.
- Sensor type: open/closed contact switch.
- Includes internal relay.
  - Maximum close voltage: 90VAC @ 60Hz, 108VAC @ 50Hz
  - Minimum open voltage: 10VAC @ 60Hz, 12VAC @ 50Hz
- Includes 6-foot (1.8-meter) 2-wire cable to connect to an environmental monitoring system.
- E-ACVDRLY-515: Standard US 120V 10A NEMA 5-15 plug on attached 5.5-foot (1.67-meter) cord.
- E-ACVDRLY-C14: Universal 250V IEC C14 socket on attached 6-inch (0.15-meter) cord.
- Maximum switching current: 500mA
- Maximum hold-off voltage: 250VDC
- Galvanic isolation: 1.5kVDC/peak AC
- Operating temperature: 32 to 140°F (0 to 60°C).
- Storage temperature: 32 to 158°F (0 to 70°C).
- Operating and Storage Relative Humidity: 17 to 90% non-condensing RH.
- MTBF: 3,539,338 hrs
- Regulatory approvals: CE, RoHS

AC Voltage Detector with Relay

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<thead>
<tr>
<th>NTI Part #</th>
<th>Description</th>
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<td>E-ACVDRLY-515</td>
<td>AC Voltage Detector with Relay, NEMA 5-15 plug</td>
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