

## EOL-32

### Features

- Connects 32 supervised end-of-line inputs
- Standard end-of-line value is 15K; optional values include 2K-22K
- Monitors contacts up to 10 miles in distance
- Up to 16 EOL-32 may be daisy-chained to one controller card (or mixed with RPI-32)
- NFPA-72 Compliant

### Specifications

**Input Resistance:** Up to 7,000 Ohms based on EOL value selected

**End-of-Line Resistor:** 15,000 Ohms standard; optional 2K-22K available at additional cost

**EOL Line Power:** Supplied by the System 3505

**Scanning Rate:** 820 milliseconds at 1,000 active alarm points

**Operating Temperature:** 32° to 150° F

### Ordering Information

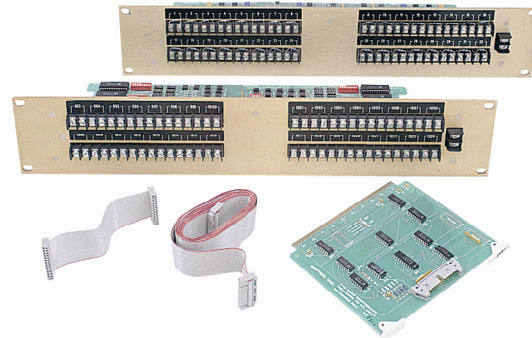
**010001-0055** - Direct Wire Option, required

**450173-0002** - EOL-32

**450173-002R** - EOL-32F (w/ 60 Hz filters)

**450173-0004** - EOL-16D (dual EOL)  
 (Specify zone labels required, contact factory)

**450213-0000** - Round Cable Interface for extending distance up to 500 ft. from System 3505 Prism LX.



### Product Information

The EOL-32 is capable of monitoring a total of 32 end-of-line resistor, supervised alarm points with line resistance of up to 7,000 Ohms. It provides the conversion of an analog alarm signal into the proper format to be processed by the System 3505 Prism LX.

A ribbon cable of up to 25 feet connects the first EOL-32 with the System 3505 Prism LX. The System 3505 Prism LX can accommodate up to 15 additional EOL-32 interfaces, for a total of 512 alarm points. The second EOL-32 is connected to the first via a six-inch ribbon cable. The third EOL-32 is connected to the second, and so on, up to 16 in a daisy-chain for a total of 512 inputs.

The EOL-32 can be used in a chain of interfaces consisting of all EOLs or mixed with Reversed Polarity or Dry Contact inputs in groups of 32 zones. The EOL-32 interface can be ordered with 60 Hz filters. The EOL-32F is recommended for installations where the alarm lines travel via telephone company lines or over distances where induced AC is greater than 2 volts peak to peak.

Power to the EOL zone is provided by the System 3505 Prism LX. The EOL-32 boards are set for pulsed power, therefore only one EOL-32 has power to the zones at any one time. Up to 64 EOL-32 boards can be connected. The board is set for continuous power with EOL-32F units.

The EOL-32 and EOL-32F can be ordered with a range of end-of-line resistor values.

The EOL-32 requires the purchase and installation of the Direct Wire Option (P/N 010001-0055) in the System 3505 Prism LX. This Direct Wire Option will provide direct wire capability of up to 512 zones. Each additional 512 Zone capacity requires and additional Direct Wire Option (P/N 010001-0055).

