

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 (see table, reverse)

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

P/N 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

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.

A ribbon cable of up to 25 feet connects the first EOL-32 with the System 3505. The System 3505 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. 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. This Direct Wire Option will provide direct wire capability of up to 512 zones. Each additional 512 Zone capacity requires an additional Direct Wire Option (P/N 010001-0055).



