

Peripheral Devices

Line Isolator Module Model HLIM | HLIM-Z

ARCHITECT AND ENGINEER SPECIFICATIONS

- Used on intelligent device circuits connected to any of the following fire-only or intelligent voice communication (IVC) systems:
 - Siemens 50-point addressable fire alarm control panels (FACPs), via connection to the signaling-line circuit (SLC)
 - Siemens 252-point | 504-point addressable IVC systems | FACPs, via connection to the SLC
 - Siemens Modular, via the `Class X' Device Loop Card (Model XDLC)
 - FireFinder®, via the Device Loop Card (Model DLC)
- Up to 15 HLIM | HLIM-Z devices can be wired to one (1) addressable loop
 - A maximum 20 addressable devices are permitted between each HLIM
- Mounts in a 4" (10.2 cm.) square, 2-1/8" (5.4 cm.) or 3.5" (8.9 cm.) deep, double-gang electrical box
- Short-circuit isolation
- Style 4 or Style 6 wiring
- Requires no programming
- Local light-emitting diode (LED) indicator



- Less susceptible to faults
- Does not occupy a device address
- Switchplate, 5" (12.7 cm.), included
- **UL 864 9th Edition Listed, ULC Listed; FM (#3015946), CSFM (#7300-0067:0242) and NYC Fire Department (#6160) Approved**

Product Overview

The Line Isolator Module (Model HLIM | HLIM-Z) provides protection of short circuits on the signaling line circuits (SLC) via use with Siemens 50-point and 252/504-point addressable systems, as well as the Class `X' Device Loop Card (XDLC) for Modular panels {Model DLC for FireFinder XLS/V.}

When a short circuit is detected, Model HLIM | HLIM-Z isolates the affected segment on the circuit, allowing the remaining devices to continue functioning.

For Siemens Modular and FireFinder systems, up to 15 line-isolator modules (Model HLIM | HLIM-Z) may be wired on one (1) Model XDLC or DLC loop, respectively. For Siemens 50-point and 252/504-point addressable systems, up to 15 HLIM | HLIM-Z modules can be wired on one (1) SLC.

Model HLIM | HLIM-Z is self-restoring, and automatically reconnects to the circuit segment when the fault is removed.

There is one (1) yellow LED, which indicates activation of the peripheral device. Model HLIM | HLIM-Z can be wired in either a Style 4 or Style 6 configuration. Model HLIM | HLIM-Z does not occupy a device address on any of the following: Model XDLC for Siemens' Modular panels; {Model DLC for FireFinder} or the SLC for the Siemens 50-point and 252/504-point addressable FACPs.

Model HLIM | HLIM-Z mounts to a 4" (10.2 cm.) square, 2-1/8" (5.4 cm.) deep or 3-1/2" (8.9 cm.) deep, double-gang electrical box. A switch plate (with an opening for the LED) is included per order. There is no type of programming necessary for operation of each line-isolator module.

Line Isolator Module 6310

Electrical Ratings

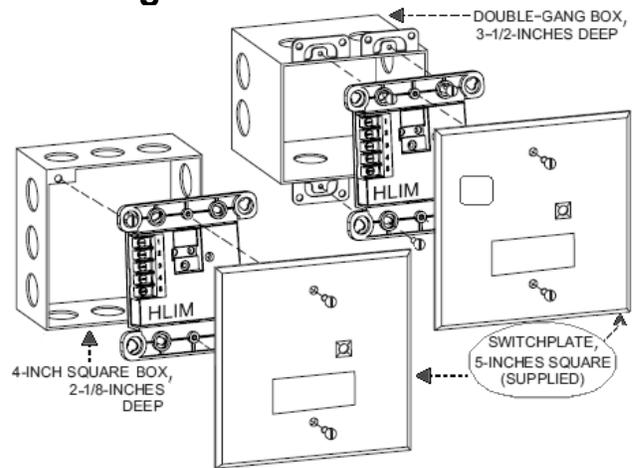
– Siemens' Modular and FireFinder panels –

Device Loop Card (Model XDLC and DLC)	
Maximum Current Draw	1mA

– For Siemens 50-point | 252-point
| 504-point addressable panels –

Signaling Line Circuit (SLC)	
Maximum Current Draw	1mA

Mounting Diagram



Temperature and Humidity Range

Model HLIM | HLIM-Z is @UL 864 9th Edition Listed for indoor dry locations within a temperature range of 120 +/- 3°F (49 +/- 2°C) to 32 +/- 3°F (0 +/- 2°C) and at a relative humidity of 93 +/- 2% at a temperature of 90 +/- 3°F (32 +/- 2°C).

Details for Ordering

Model	Part Number	Description
HLIM	500-033170	Line Isolator Module
HLIM-Z	S54319-F30-A1	Line Isolator Module [C.O.O.* – USA]

* denotes (C)ountry (o)f (O)rigin

Notice: This marketing data sheet is not intended to be used for system design or installation purposes. For the most up-to-date information, refer to each product's installation instructions.