

# ISL-1-BUS Isolated Range Extender

## Genuine Protection Against Short Circuit



- Protection against Short Circuit Downstream
- Extend Communication Range and Amplify BUS Signal
- Boosts Current for Connected BUS Devices

The ISL-1-BUS is an isolated range extender. It can extend the communication range and amplify the signal of wired security system over long distances, while protecting the connected devices against short circuit downstream. It can also act as a current booster for connected BUS devices.

The ISL-1-BUS enables an expansion of the number of wired security system devices that can be connected to the network. It galvanically separated the input and output terminals, so in case when there is a short circuit at the output, all the devices connected to the input of ISL-1-BUS will continue to operate without interruption. In addition, adding the ISL-1-BUS to the existing BUS system will boost the power up for each of its output terminal, ensuring reliable system operation.

The ISL-1-BUS brings you well-rounded reliability and convenience when implementing wired system at strategic location around your premises, commercial or facility area, offering a smart and comprehensive solution.

## Features

- Protect the connected devices against short circuit downstreams
- Provides communication range extension of BUS system
- Amplifies and filters signal for connected BUS devices
- Signal path distance of 4000 feet
- Designed to be employed with Hybrid Panel and PWB-1-BUS
- Increases flexibility for wired security system

## Specifications

### ISL-1-BUS

Power Source	Input Voltage from Hybrid Panel and PWB-1-BUS: 13.5V DC
Current Consumption (Standby)	110 mA
Current Consumption (Maximal)	130 mA
Extension Length	4000 ft
Output Current	0.5 (for each of 2 terminals)
Input Voltage	8~14V (1 terminal)
Operating Temperature	-10°C to 45°C (14°F to 113°F)
Operating Humidity	Up to 85% non-condensing
Dimensions	125 mm x 79.5 mm x 32 mm