Signal Input Module

Model No: LF-SI-6105

Features

- Low Profile Design
- Built-in CPU
- Interfaces Normally Open Dry Contacts
- ALARM FIRST! – Less than 1 second
- Data Transfer Speed and Reliability
- Polarized Wiring
- LED Status Indicators
- High Performance at Low Cost
- Two Wire System
- Use LF-DP-6190 for device addressing

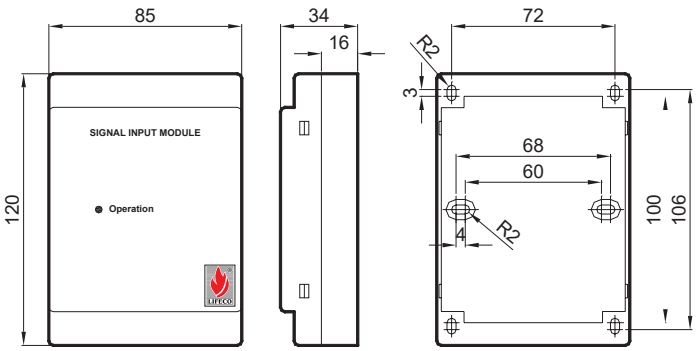
Description

The LF-SI-6105 Signal Input Module provides the means of connecting Direct Shorting Devices to the Fire Alarm Control Panel. The module converts a normally open contact input which could monitor and report the status of the contact to the Fire Panel.

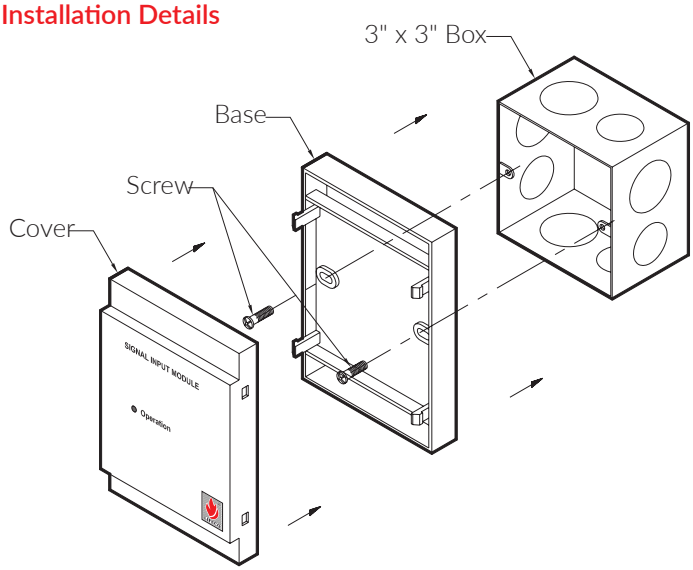
It also adopts pre-emptive alarm technology which organizes the data received from the detection loop. The information with the highest priority would Other collected data shall be transmitted to the controller based on their priority status which ensures the rapid response of the system. Fire Alarm can be received in less than 1 second.

The module's design widely applies to all kinds of industrial and commercial constructions with its high resistance to humidity, wide operating temperature range, high reliability and ease of installation and configuration.

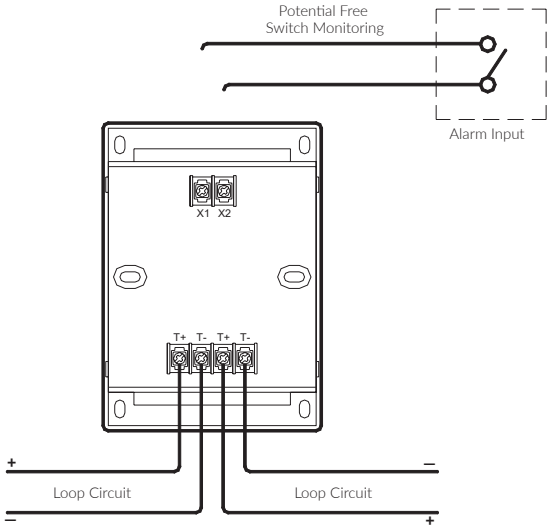
Dimension Details



Installation Details



Wiring Details



There are eight connecting terminals mounted on the printed circuit board. Terminals T+ and T- are utilized for loop circuit wiring, terminals X1 and X2 are used for potential free switch monitoring and terminals AC1 and AC2 are not used.

The tip of the line conductor terminating at the device should either be used with terminal lugs or coated with tin for high conductivity and reliability of the system.

Technical & Environmental Specification

Operating voltage	18~26V DC
Quiescent current	≤ 350μA
Alarm current	≤1.5mA
EOL Device	200K OHM Resistor
Operating temperature	-10° C~+50° C
Relative humidity	≤ 95%
Module dimension	120x85x34mm
Weight	About 100g
Colour	White