



**Input Relay Board *FastSense Plus***  
*FastSense PLUS* Compatible Product

PDS230-0049

## Description

The *FastSense* Input Relay Board

The transfer of information to, and the ability of control from, the ***FireFinder*** FACP offers both end-user and installers alike unparalleled benefits.

The optional ***APIC*** is fitted in a ***FastSense PLUS*** detector and communicates with the ***FireFinder*** FACP via the Apollo XP95 protocol detection loop. One (1) ***APIC*** card will transfer information for up to 126 ***FastSense*** detectors. This benefits the user by reducing hardware and cabling costs. Savings increase when ***FastSense*** detectors are networked. Not only are there cost efficiencies but this unique approach increases flexibility and improves system design.

## Technical

The ***APIC*** has two (2) distinct modes of operation – single address or multi address (Networked *FastSense* detector). When the ***APIC*** is used in single address mode, both 8-way DIP switches are set to the same setting and represents a Loop/Sensor address on the Apollo XP95 protocol detection loop. In a multiple ***FastSense*** detector environment the first and second DIP switches are set to the start and end address respectively.

Control of ***FastSense*** detectors from ***FireFinder*** FACP includes:

- Reset
- Isolate / De-isolate

The ***APIC*** card returns the following 'count' to AMPAC's ***FireFinder*** Fire Alarm Control Panel:

Fault	2
Normal	16
Auxiliary	32
Pre-Alarm	48
Fire 1	64
Fire 2	127

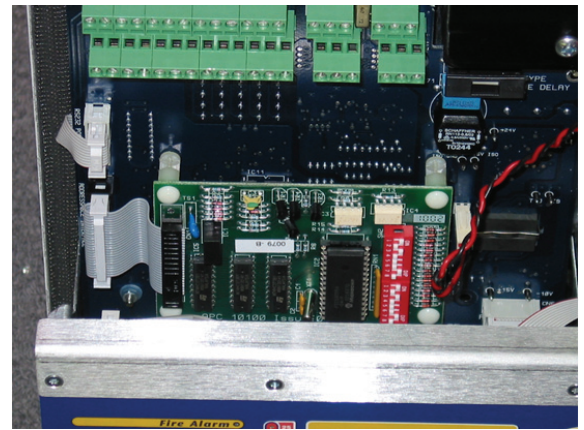


Figure 1: Ampac APIC Card

## Item Numbers

<b>230-0049</b>	FastSense Input Relay Board
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## Specifications

<b>Supply Voltage</b>	Sourced from <b><i>FastSense Plus</i></b> Detector
<b>Compatibility</b>	Apollo XP96 Protocol
<b>Size (mm)</b>	100L x 70W
<b>Approvals</b>	C-Tick, SSL

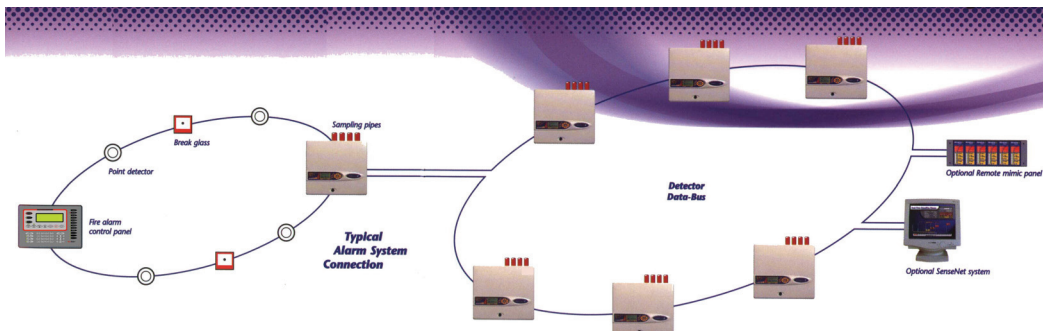


Figure 2: Interfacing between *FastSense Plus* and *FireFinder* FACP