9-30430

Apollo Addressable Panel Interface Card (APIC)

Description

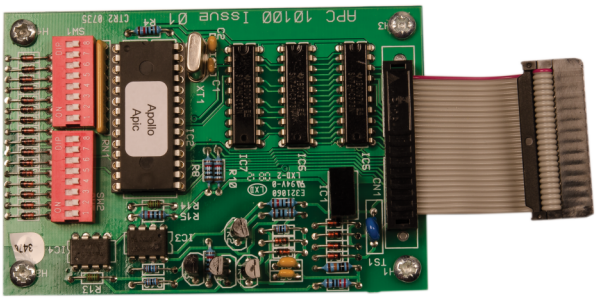
The 9-30430 is an interface which can be attached directly onto the main control board of any of the AirSense aspirating detectors. The card plugs into the main control board inside the detector enclosure. The board enables the detector to be directly addressed and communicate with the main fire control panel via the Apollo protocol.

Plug in terminals

Detectors are wired onto the loop using plug in terminals located on the detector main control board. The detector and interface are easily addressed by switch settings prominently positioned on the card.

Single address and multi address modes

The Apollo APIC has two distinct modes of operation; single address and multi address. When the interface is set to single address mode the card appears at a single address on the Apollo loop and the detector status is read from that address. Multi address mode is used when monitoring the status of multiple detectors with consecutive addresses from a single Apollo card. Multi address mode is normally only used in the Command Module.



Details

- Simple addressing onto the addressable loop
- Ribbon cable connection – no hard wiring
- Piggy backs onto detector main board
- Ease of address setting

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Technical specifications

General

Compatibility	S90 protocol

Physical

Physical dimensions	100 x 70 mm (W x H)(PCB)
Mounting	Ribbon cable with plug and socket - fixes to allotted space on panel main board. (by 3 x M4 x 18 mm stand off spacers)

Environmental

Operating temperature	-10 to +60ºC
Relative humidity	0 to 90% noncondensing
Environment	Drinnen

Regulatory

Certification	EN54-20, UL, FM

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