9-30441

Excellence Addressable Panel Interface Card (APIC)

Description

The 9-30441 is an interface which can be fitted directly into the ModuLaser display module. The card plugs into the main control board inside the display module enclosure. The board enables the each detector (in the cluster or on the SenseNET network) to be directly addressed and communicate with the main fire control panel via the Aritech 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 Display and Command Display modes

The Aritech APIC has two distinct modes of operation; single display and command display. When the interface is mounted in a ModuLaser Minimum or Standard Display module, each module in the cluster appear as a single address on the Aritech loop and the detector status is read from that address. Command Display mode is used when monitoring the status of multiple detectors and/or ModuLaser clusters with consecutive addresses from a single Aritech APIC card.

Details

- Simple addressing onto the addressable loop
- Ribbon cable connection – no hard wiring
- Piggy backs onto ModuLaser display module
- Ease of address setting
- Avoids the need to manually wire inputs and outputs

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Technical specifications

General

Compatibility	Aritech protocol

Physical

Physical dimensions	101 x 68 mm (W x H) (PCB)

Environmental

Operating temperature	-20 to +60ºC
Relative humidity	10 to 95% noncondensing
Environment	Indoor

Regulatory

Compliancy	CE, REACH, RoHS 3, WEEE
Certification	BOSEC, CPR
Standards	EN54-17, EN54-18

Mounting

	Ribbon cable with plug and socket - fixes to allotted space inside ModuLaser display module

Compatible products

Category	Reference	Description
Detection device	9-30441-JUM	Excellence Addressable Panel Interface Card (APIC) Jumper expander
Detection device	9-30780	AirSense ModuLaser, Minimum Display Module
Detection device	9-30780-KID	Kidde ModuLaser, Minimum display module
Detection device	9-30781	AirSense ModuLaser, Standard display module
Detection device	9-30782	AirSense ModuLaser, Command display module
Detection device	FHSD8300	ModuLaser, Minimum display module
Detection device	FHSD8310	ModuLaser, Standard display module
Detection device	FHSD8320	ModuLaser, Command display module

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