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 each detector (in the cluster or on the SenseNET network) to be directly addressed and communicate with the main fire control panel via the Excellence protocol.

Plug in terminals

Wiring onto the addressable loop is by way of plug in terminals located on the ModuLaser Minimum display or ModuLaser Standard display backplane. The APIC address range is easily adjusted by switch settings prominently positioned on the APIC card. The start and stop address of the range must be selected during installation, and mimics the SenseNet address range.

Single Display and Command Display modes

The Excellence 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 Excellence 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 Excellence 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)
Mounting	Ribbon cable with plug and socket - fixes to allotted space inside ModuLaser display module

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

Compatible products

Category	Reference	Description
Detection device	9-30441-JUM	
Detection device	9-30780	
Detection device	9-30780-KID	
Detection device	9-30781	
Detection device	9-30781-KID	
Detection device	9-30782	
Detection device	FHSD8300	
Detection device	FHSD8310	
Detection device	FHSD8320	

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