



## FP416

Conventional fire alarm panel with 16 zones

### General

The FP400 Series conventional fire alarm control panels is the ideal solution for small to medium-sized installations. Very powerful and cost-effective, they are extremely simple to install and use due to their ergonomic, advanced design. The panels are supplied in elegant, high-quality, conveniently sized, heavy-duty enclosures with space for batteries inside the cabinet.

### Fire detection panels

The FP400 series complies with EN54 regulations and have approvals pending. They are ideal for use with most industry standard detectors, but are specifically designed for use with the Aritech 700, 650 and 300 Series detectors. The range covers from 2 to 16 zones, and also include a 'class change' feature that allows the sounders to operate as school bells, signaling the change of class.

Zones and sounders can be tested and disabled from the front keypad. All panels feature a high-quality keyboard with audible metallic click and good travel.

### Optional

Where relay outputs are required, optional Aritech relay cards can be used. The range features 2 optional relay modules (one supervised and one potential free), giving an independent, configurable relay output for the zones and satisfying the need to operate fire doors, ventilation shutters, trigger fire curtains, etc.



### Standard Features

- **Modern, attractive design**
- **Microprocessor controlled**
- **From 2 up to 16 zones**
- **EN54 compliant with approvals pending**
- **2 Access levels**
- **2 Monitored sounder outputs**
- **One-man test capability**
- **24 Volt resettable output**
- **External 'class change' facility**
- **Alarm output with potential free relay**
- **General fault output with potential free relay**
- **External watchdog**



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## Specifications

<b>Supply Voltage (+10% - 15%)</b>	230 / 110 VAC @ 50 / 60 Hz
<b>Batteries</b>	
Capacity	2 x 7.5 Ah
Fuse rating	5 A
<b>Zone</b>	
Maximum load	94 mA
Max. number of detectors per zone	20
Maximum zone resistance	44 ohm
<b>Sounders</b>	
Maximum load	250 mA
Delay	Selectable 0 - 9 min
<b>Relay Outputs (excluding sounders)</b>	1 A @ 30 VDC
<b>Extinguishing Relay Outputs</b>	
Maximum load	NA
Fuse rating	NA
<b>Auxiliary Output</b>	250 mA
<b>24 VDC Resettable Output</b>	
Maximum load	100 mA
Reset time	3 s
<b>Environment</b>	
Working temperature	-5°C to +40°C
Relative humidity (non condensing)	95 %
IP rating	IP30
<b>Physical Characteristics</b>	
Size (mm)	420 (w) x 335 (h) x 110 (d)
Weight (without batteries)	6.2 kg

## Ordering Information

Part No.	Description
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