

## **ADDRESSABLE FIRE ALARM CONTROL PANEL**

### **MODEL NUMBER:**

**AFS-FAP4768**

**AFS-FAP2648**

**AFS-FAP1100**

**AFS-FAP1200**

**AFS-FAP1324**

### **PRODUCT OVERVIEW:**

The Alco fire alarm control panel (linkage type) is a new generation intelligent fire alarm and linkage integrated control panel designed according to the requirements of the fire protection market with the many years of experience of fire protection projects in the industry, and it meets all the requirements of the most widely used European standards EN54-2 and EN 54-4.

The fire alarm control panel has a modular design and is characterised by great functions, large capacity, flexible configurations and an excellent price-performance ratio. The system has a large screen supporting multi language display (English Default) and a standard special mini printer that can print all the alarms, faults and operations of the system. The system can realise comprehensive on-site programming and solve complicated linkage relation settings. The system simulates the operating interfaces of Windows and is therefore easy to learn, use and realise input.

Each fire alarm control panel has a maximum capacity of 25,920 bus alarm linkage control points. The Alco intelligent two-bus alarm and linkage control panel may be used with intelligent fire detectors, input modules, output modules, manual control panels and multi-line linkage control units produced by Alco form an integrated fire control system combining buses and multiple lines to meet the needs of fire protection projects.

The Alco fire alarm control panel may be subject to cabinet type installation or wall mounting type installation.

Alco Addressable Fire Alarm Control Panels are available in one and two loop

Two Loop Design = Hold a total of 648 addresses

One Loop Design = Hold a total of 100 addresses, 200 addresses and 324 addresses. *(Available in three difference model types)*

### **MAIN FEATURES:**

- It adopts new generation high-speed microprocessor technology that has a data processing speed and a data storage capacity 100 times and 1000 times higher than that of conventional technology respectively.
- It has a 7.4" 16-grey-scale LCD display and with a display resolution of 640° - 480.
- Its operating interfaces simulate the menus and interfaces of Windows and therefore ensure



- operation habits similar to that of computers and is easy to learn.
- It uses a flexibly and conveniently controllable standard PS/2 computer keyboard and mouse as on-site programming devices.
- It can copy or restore both setting files and historical files through a CF intelligent storage card (optional), making system maintenance convenient.
- It adopts a non-polarity two-bus intelligent alarm linkage mode and has a total of 324 intelligent detectors or modules for a single circuit. The addresses of the intelligent detectors or modules may be hashed with No.1 to No.324.
- It is equipped with multiple high-speed CAN-bus interfaces, ensuring quick and reliable data transmission.
- It has super high single-machine capacity (maximum single-machine capacity: 40° - 2° - 324 = 25,920 alarm points).
- It supports the networking of 20 Alco fire alarm control panels. It has a maximum capacity of 518,400 alarm points (20° - 25,920) after networking.
- It can be connected with a multi-line linkage control unit and has a maximum capacity of 4,000 points for a standalone linkage control unit.
- It can store the historical information of system operation, including 1,000 pieces of historical fire alarm information, historical request information, historical feedback information, historical fault information and historical operation information respectively.
- Users can customise the equipment type, making system integration convenient.
- It introduces the concept of a virtual interface board to realise the linkage operations of general semantics, thus realising the most complicated system linkage relations easily.
- It has manual single-point start and stop functions for modules, making on-site debugging and tests convenient.
- It has a single-point test function for detectors or modules, making the operating conditions and test data of detectors intuitive.
- It has a standard special mini printer, enabling it to print various operating conditions in a real-time way.
- It can be connected with the graphical display device the fire control room to display the specific locations of fires and faults intuitively.
- It executes administration by different levels for users of multiple levels and grants the users at different levels the corresponding system operation authorities, making system administration convenient.
- It can realise local or remote software upgrades, thus enabling it to operate stably and reliably.

*\* Models may vary from time to time due to continuous improvement in product design, features, technology and stability for a better user experience.*