Fire Alarm System

ATSONTECH®

AT-FA-6000

Addressable Master Control Fire Alarm

- **Single loop panel capacity 242 addressable devices**
- **6-loop panel capacity 1.452 addressable devices**
- **7-inch LCD Display**
- **Wide range power supply**
- **5 card slots with mixed loop card, network card and communication card**
- **RS485 or CAN interface enables networking suitable network card**

AT-FA-6000 the fire alarm panel suitable for medium size applications.

The fire panel allows mixed operation of analog addressable & conventional technology.

A wide range of functional modules is available providing different connections & functions, addressable loops, conventional zones, inputs & outputs as well as interface to various devices.

The fire panel is flush-mount or surface-mount. Its appearance and the mounting hole are shown

Recommended Cabling

mm² or above fire cable is recommended for communication cable and 1,5mm² or above fire cable is recommended for power supply. All cables should be subject to local codes.

Loop : min 1.0mm ideally 1.5mm
Network : min 1.0mm ideally 1.5mm
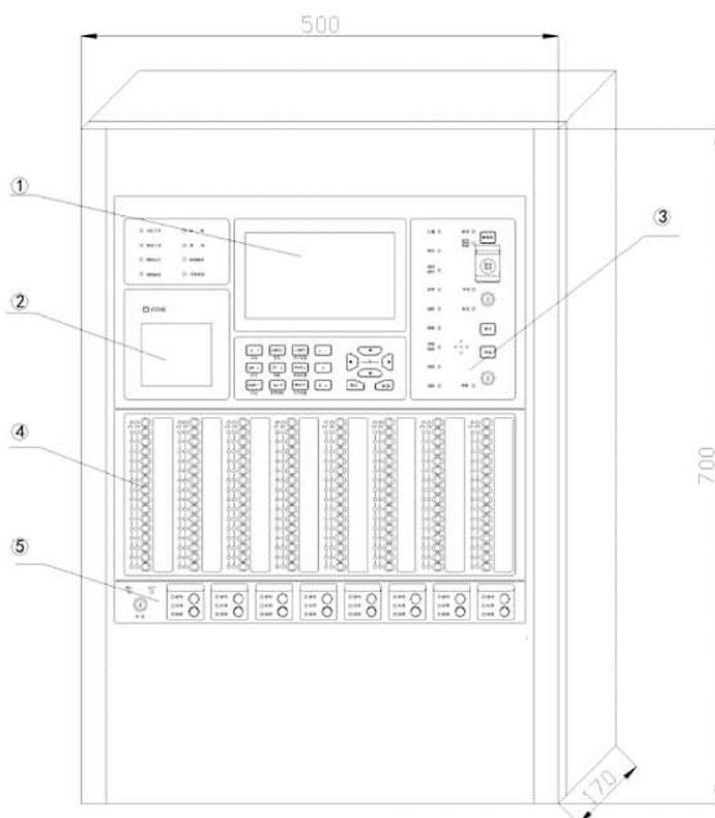Active Outputs : min 1.5mm ideally 2.5mm

Technical Specification

Primary Supply	220VAC – 15%/+10%, 50Hz
Max. Current	3.15A
Standby Power	14AH/24VDC sealed lead-acid batteries
Loop Capacity	1 – 6 Loops
Device Capacity	242 addresses oer loop
LCD display	800x480 Colorful 7.0" LCD
Manual Control	128 points
Direct Control	8 lines
Card Slots	5 slots, mixed with loop card, network card and communication card
Printer	Thermal, ASCII code printer
Protection	IP30
Operating Environment	0°C ~ 40°C ≤93% RH, non-condensing
Dimension	500mm(W) x 700mm(H) x 178mm(D)

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The panel an additional loop card. Class A type connection should be applied, from loop out to loop-in.

- Wall mount fire panel
- Programming via PC, Bluetooth APP, network or remote transmission
- Remote system diagnostic
- Password and key-protected non-volatile memory
- Multiple informa: on display with colour and individual windows, convenient to operate and control
- Capacity up to 6 loops, 1452 device
- Report device duplicated loop address
- Optional Modbus Card
- LAN Networking
- CAN / Fiber Networking
- TCP / IP Network
- Remote diagnosis via Ethernet
- Manual control panel to control output devices individually
- Direct control panel output to critical fire-fighter equipmen via direct line connection

Terminal Connection

(1) Screen
(2) Printer
(3) Keypad
(4) Manual Control Panel
(5) Direct Control Panel