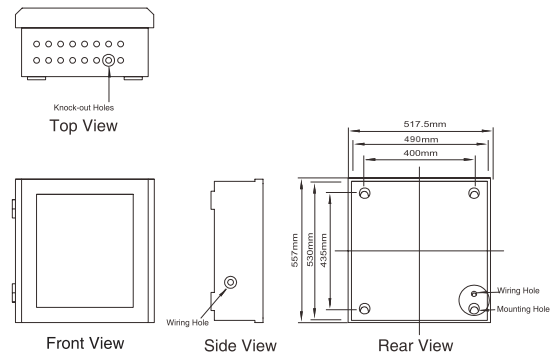


Intelligent addressable fire alarm control panel (EN 54)

Intelligent addressable fire alarm control panel (FACP) serves as the central control unit in modern fire alarm system. Utilizing loop wiring method where all fire detection devices are connected, the panel can identify and monitor each individual device, so to provide early warning of fire alarm, and activate associated fire protection systems.



- Certificate: LPCB approved
- Standard: EN 54-2, EN 54-4
- Feature: Auto-enrollment, loop mapping, built-in 4kV surge protection
- Temperature: -5°C to 40°C
- Humidity: 0% to 95%, non-condensing



Main parts and material

Enclosure	Steel cabinet, hinged inner door, outer glass door, magnetic door lock	Core component	Mother board, main board, loop board, power board, communication board, LED indication board
Networking interface	4-in-1 communication board, CAN bus, USB, Ethernet, Serial RS485/232	Other component	LCD display touch screen, programmable keypad, 24 LED status, 160 zone indicators, printer
System capacity	Up to 3000 zones + 3000 total groups (1000 sounder groups and 2000 common groups)	Wiring	Fire resistant cable, 2 x 1.5 mm ² , for Loop and networking circuit

Available size

Main input power	Standby battery	SLC loop	Addressable device No.	Loop power rating	Mounting	Overall dimension W x H x D (mm)	Ref. No.
230 or 120 VAC	24 VDC, max 28Ah	1, class A	Max 254	24 VDC, 120 mA	Surface / rec.	490 x 530 x 135	AE0101 (LPCB)
230 or 120 VAC	24 VDC, max 28Ah	2, class A	Max 508	24 VDC, 120 mA	Surface / rec.	490 x 530 x 135	AE0102 (LPCB)
230 or 120 VAC	24 VDC, max 28Ah	4, class A	Max 1016	24 VDC, 120 mA	Surface / rec.	490 x 530 x 135	AE0103 (LPCB)
230 or 120 VAC	24 VDC, max 45Ah	4, class A	Max 1016	24 VDC, 120 mA	Surface / rec.	510 x 550 x 222	AE0104 (ISO)

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Available size

Main input power	Standby battery	SLC loop	Addressable device No.	Loop power rating	Mounting	Overall dimension W x H x D (mm)	Ref. No.
230 or 120 VAC	24 VDC, max 45Ah	6, class A	Max 1536	24 VDC, 120 mA	Surface / rec.	510 x 550 x 222	AE0105 (ISO)
230 or 120 VAC	24 VDC, max 45Ah	8, class A	Max 2032	24 VDC, 120 mA	Surface / rec.	510 x 550 x 222	AE0106 (ISO)
230 or 120 VAC	24 VDC, max 45Ah	4, class A	Max 1016	24 VDC, 120 mA	Floor	550 x 1715 x 480	AE0107 (ISO)
230 or 120 VAC	24 VDC, max 45Ah	6, class A	Max 1536	24 VDC, 120 mA	Floor	550 x 1715 x 480	AE0108 (ISO)
230 or 120 VAC	24 VDC, max 45Ah	8, class A	Max 2032	24 VDC, 120 mA	Floor	550 x 1715 x 480	AE0109 (ISO)

- Note:**
1. For main input power, it can be configured to operate at either 230VAC/50Hz or 120VAC/60Hz.
 2. For standby battery, it is recommended to use rechargeable lead acid battery which needs to be purchased separately.
 3. For networking interface, LPCB approved product has built-in 4-in-1 communication board. ISO product has built-in CAN bus communication board and USB port, optional Modbus, TCP-IP, Serial RS485/232, Ethernet.