

Fire Alarm Control Panel

FA-601

FA-601

CEMEN Features

- Uses Central Process to control signals of alarm, disconnection, loop short-circuit, hydrant, manual call point and external power source. Accuracy has being upgrade than ever.
- It has not only common disconnection signal but also added short-circuit function which improve the shortage of regular control panel. This unit is capable to distinguish between the real fire signal and false alarm signal caused by short-circuit which will eliminate unnecessary man power and resources to achieve the real function of control panel.
- Uses 5V as operating voltage of related signal, its stability has much better than traditional panel.
- Uses tiny electronic-type transformer with overload protection which not only supply stable voltage but also ensure that panel won't damaged by abnormal voltage, and minimize the occupied space as well.
- Standby power uses smaller size of rechargeable battery with protective device that increase the safety of use.
- Electronic-type diaphragm switch has passed reliable test for 500000 Cycles Min. its CPU control method improved and decreased the damaged of panel caused by directly voltage control.
- Uses individual PCB module design that separate CPU from power board for easy maintenance.


1 ZONE

System Control And Indicators On Board



Alarm Control Panel



Specification

| | | |
|--------------------------------------|--|-------------------------------|
| Model | FA-601 | Remark |
| Power | 110 / 220VAC 50/60Hz | Others also available |
| Voltage Scope | Nominal voltage $\pm 20\%$ | |
| Standby Power | 24VDC 800mA | |
| Charging Voltage, Current | 26VDC 100~400mA | With auto adjustment function |
| Loop Voltage, Current | 24VDC short circuit under 5V 30mA | |
| Exterior Resistance | Round-trip under 50 Ω | |
| # of heat detector connected | No limit | Except electronic-type |
| # of smoke detector connected | 30/loop | Horing Lih's product |
| # of indicating lamp, bell connected | # of loop x 1.2 | |
| Digital Switch | 500000 Cycles Min. reliability | |
| End of Line Resistor | 10k Ω | One per loop |
| Material | 1.2mm steel plate | |
| Color | Ivory white | Others also available |
| Dimensions | 160mm (H) x 220mm (W) x 70mm (D) | |
| Accessory Functions | Dual signal transfer contacts, aux. contacts | |

Fire Alarm Control Panel

CEMEN Features

FA-605 (5 Zone)
FA-610 (10 Zone)

FA-610

- This unit has Accumulation function, it can minimize the false alarm that caused by unstable pulse or any abnormal signal (false alarm) and no effect on the function of fire alarm at all.
- Each loop uses two different LED to indicate Fire alarm and Disconnection.
- Loop test switch uses single-loop press type to improve the twisting switch that its contact failure will caused by dust and improper use.
- Logical switch is different from traditional switch that needs to switch over higher voltage directly, it can prevent the damage caused by unstable voltage.
- External indicator power-save device can select Light ON or OFF under normal condition during power-off status, and stay blinking during alarm status which extend the operation life of control panel. (Prevent the control panel loss its function by wear-off on battery under power-off period)
- Easy to switch from fire alarm to smoke evacuation, sprinkling or foam system.
- Movable loop indication labels, they can be easily changed without affect its magnificent appearance.
- **Annunciator is available on model (AH-02124).**



5 - 10 Zone

Specification

| Model | FA-605 (5 Zone) , FA-610 (10 Zone) | Remark |
|--------------------------------------|--|-------------------------------|
| Power | 110 / 220VAC 50/60Hz | Others also available |
| Voltage Scope | Nominal voltage $\pm 20\%$ | |
| Standby Power | 24VDC 800mA~2100mA | |
| Charging Voltage, Current | 26VDC 100~400mA | With auto adjustment function |
| Loop Voltage, Current | 24VDC short circuit under 5V 30mA | |
| Exterior Resistance | Round-trip under 50 Ω | |
| # of heat detector connected | No limit | Except electronic-type |
| # of smoke detector connected | 30/loop | Horing Lih manufactured |
| # of indicating lamp, bell connected | # of loop x 1.2 | |
| Digital Switch | 500000 Cycles Min. reliability | |
| End of Line Resistor | 10k Ω | One per loop |
| Material | 1.2mm steel plate | |
| Color | Ivory white | Others also available |
| Dimensions | 350mm (H) x 285mm (W) x 105mm (D) | |
| Accessory Functions | Dual signal transfer contacts, aux. contacts | |