PI NOLEAK PES
ENTERPRISES CORPORATION

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Conventional Fire Alarm Control Panel AW-CFP2166

Product Brochure



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Fire Alarm Control Panel 2/4 Zone

Product Features



B type-Full metal shell
Wall Mounted Type



C-Plastic front cover, metal back cover **Embeded Type**

- Analogue conventional detector inputs: 20 detectors or 10 MCPs maximum.
- Smaller size and easier for installation, but all-around.
- Maximum number of bells per CIE: 6 Bells.
- 2 relay-outputs: FIRE/FAULT.
- High-capacity batteries: 12V2.3Ah*2, over 20h for stand-by use.
- Automatic power switchover: mains power and stand-by power.
- Fault supervision and notification: inputs, sounder, mains/batteries.
- Evacuation: man-made fire alarm condition on panel.
- Silence: sounders and panel buzzer.
- Extensible application for GSM: inform user anytime by mobile telephone.

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Conventional Fire Alarm Control Panel

Buttons

- **Reset**: when the Reset button is under pressing, this LED will be on, and all current Fire or Fault alarm will be clear, and all the zones will be power off and then power on.
- **Silence**: when the Silence button is under pressing, this LED will be on. The silence button can stop the Buzzer and Sounder output for the current alarm.
- **Evacuate**: when the Evacuate button is under pressing, this LED will be on. This button can make the manual Fire alarm and let the Buzzer, Sounder, Fire Protection, Fire routing be active if they are not disable.
- **Test**: when press this button the Test LED will be on, and all front boards LED will be on and off orderly.
- **Battery Reset**: this button is inside the panel, when the main power and battery power are all off, if the battery unit voltage is over 21VDC, press this button can restore the battery power supply.
- **Disable**: Sounder, Fire Protection, Fire Routing, Fault and Zone Disable buttons, when the Disable button is pressed, the Disable /Enable LED will be on /off, it shows the corresponding circuit is disable / enable.
- Note: for reliable, the Disable button must be pressed again after 5 seconds.

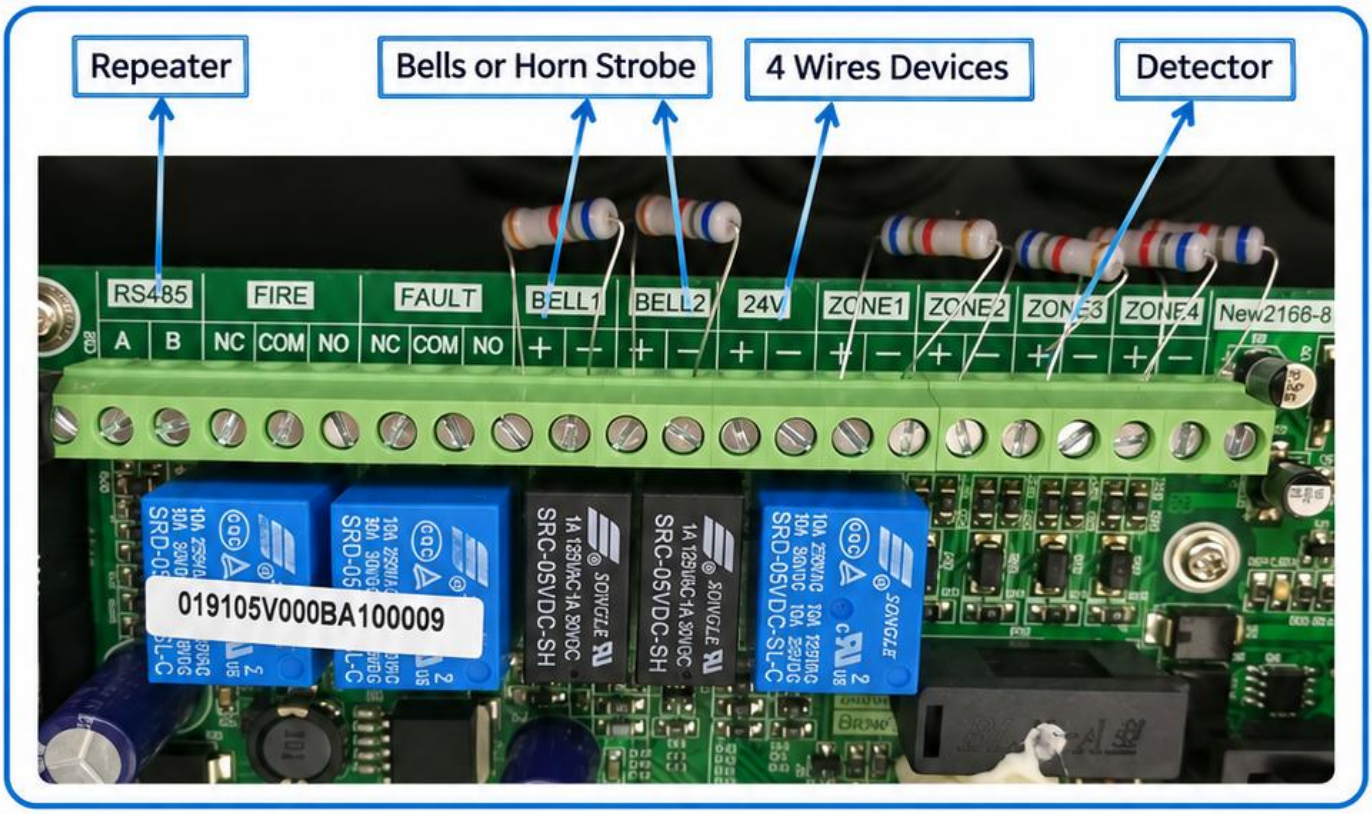
LED indicators

- **Power**: this LED on shows the main power 240VAC or 110VAC is on or backup battery is connected.
- **Mains Fault**: this LED on shows the main power 240VAC or 110VAC is off.
- **Battery Fault**: this LED on shows the battery is fault or connection is broke.
- **Fire**: this LED on shows there is at least one detector or one manual call point (break glass) is under fire status.
- **General Fault**: this LED on shows there are one or more faults in the internal panel or the input / output circuit of the panel.
- **Earth Fault**: this LED on shows there is an earth fault, some circuit is touching the iron shell or earth.
- **Fuse Fault**: this LED on shows there is a fuse fault of the 27VDC power supply, the fuse is on the power board with label: F1 Main Fuse.
- **System fault**: this LED on shows the panel internal is fault, most time is indicated the communication from the main board to each zones board is fault.

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Connection Overview





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