



ULCS-Q-07-070



QC011

ISO 9001 Quality Certified
Specially Certified by National Fire Agency of Ministry of the Interior, R.O.C.



Fire Detector Central Control Unit

Fire Alarm Control Panels ▶ YF-3

Characteristics

- Comprehensive circuit monitoring and corresponding indicators : each circuit is equipped with monitoring functions on fire, circuit break and short circuit, respectively.
- The fire alarm circuit and the indicator circuit are able to detect circuit break and offer protection against short circuit.
- The system always keeps close watch over battery charging and the voltage of the stand-by battery to ensure that the central control unit functions well in all circumstances to prevent any disaster.
- Each circuit is equipped with a testing button to ensure the normal function of each monitoring circuit.
- Key-controlled function switches prevent false alarms caused by accidental touch.
- Digital detection of voltage error: whenever a voltage error is detected by the system, an error alarm will sound and an indicator will light on.
- The system is equipped with a two-stage accumulation function to prevent false alarms. When the detector activates for the first time, the system will automatically reset the detector. If another signal is received later, the system will then confirm that there is a fire, for fear of a false alarm.
- "Self-Protection" mode and "Non Self-Protection" mode are available to fire alarms.
- Separate control switches: separate control panels for main audio, local audio, indicators, and reporting output.
- There is a "Not-Located" indicator above each switch.
- Digital-electronic switches are used due to advantages of dust proofing and a long service life.
- A control panel with all necessary master indicators: the status of system alarm, power supply quality, and circuit connection are shown.
- The alarm buzzer sounds in a loud voice: personnel in charge will be informed immediately in case of a fire alarm.
- A large fire indicator: in case of a fire, a fire alarm will sound and the large fire indicator will flash.
- Clients may choose the number of circuits they require: 1L, 2L, 4L, 5L, 8L, 12L, 16L, and 24L (special specifications can be satisfied.)

Items	Specification
Model No.	YF-3
Category	P-Type Fire Detector Central Control Unit
Structure	Wall-Mounted
Power Supply (AC)	AC 240V 50/60Hz ± 10%
Stand-By Battery	DC 24V Sealed Maintenance-Free Lead-Acid Battery
Charging Voltage	DC 26. 4V Below 450mA Trickle Charging
Circuit Voltage	DC 24V Short Circuit Voltage 5V Below 32mA
Loop Resistance	Below 50Ω back and forth
Detector Installation	No limit in the number of differential detectors & constant-temperature detectors used; smoke detectors or electronic differential detectors; each circuit can connect to a maximum of 16 smoke detectors (monitoring current for detectors: DC 24V 40μA)
Terminal Resistor	10KΩ
Number of Indicators	1 time the number of panel circuits
Number of Local Alarms	1 time the number of panel circuits
Main Material	Standard Material of 1.2mm
Reporting Contact Point	No-voltage Normally-Open contact point; Capacity: AC 250V 7A
Number of Circuits	1L/2L/4L/5L/8L 12L/16L 24L
Dimension (H*W*D)	330 x 280 x 120 (mm) 400 x 300 x 120 (mm) 495 x 300 x 120 (mm)

* In case of changes in accessories or colors, the product actually delivered should take precedence.