ADDRESSABLE FIRE ALARM CONTROL PANEL

Features

- English LCD screen (240×128 or 240 characters).
- LCD backlight energy-saving protection function.
- Two-wire circuits for supper long transmission distance (up to 1.5km between the control panel and modules).
- The data memory device can store up to 2000 historical records permanently (the device in graphic systems can be expandable up to 20 million records).
- Composed voice alarm function (broadcast in human voice to operators).
- Voice guidance function (while operating).
- Abnormal temperature protection function (I/O modules over loading).
- SLCs, IDCs are equipped with insulation for false inspection function.
- Protection against lightning surge.
- I/O modules miswiring protection to accessories are available.
- I/O modules are equipped with segment isolation function.
- A table to review all I/O modules' statuses is available for easier operation.
- Addresses and interlocks can be display on the LCD screen.
- Weekly automatic check function.
- Repeat alarm function.
- Two stage alarm delay function.
- Standby battery with power saving function.

- Control panel expandable functions:
- Expandable with 17" color touch screen, multiple functions for customers to select: remote control or monitor system software.
 (Touch screen) Disaster Prevention Center Control Panel.
 Fire Graphic Control System or Riser Diagram Touch Screen Fire Alarm Display Panel.
- ⊞It is equipped with different Authorization Levels, Individual Password Management, Fire Map Diagram Inquiry, Main Map & Sub Map Diagram, Diagram Printing, Real-time Fire Diagram Popup, Historical Data Inquiry, Operation Data Enquiry, Situation Simulation, Desktop Picture Editting, many Diagram Pormats supported and Database etc.

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- «Communication Speed: when a new alarm announcement
 activates, the test time is less than 500ms.

 Output

 Description

 Description
- Addressable devices connection: up to 2,048 addresses.
- Serial alarm broadcast relay interface: up to 2,000 contacts.
- Addressable Fire Alarm Annunciator: up to 16 units.
- Graphic PC: 1 unit. Graphic PC can interlink with Addressable Fire Alarm Control Panel up to 8 units.
- Equipped with 3 sets of RS-485 communication ports. It can be use to connect with central PC's monitoring and control system.
- Integrated real-time printer (optional).
- Disaster Prevention Control Panel can be integrated (optional).

Dimensions (Steel) *Size mark in red represent with printer option.

Cabinet	Wall-mount								
Addresses / Loops	128/1L	256/1L	512/2L	768/3L	1024/4L	1280/5L	1536/6L	1792/7L	2048/8L
H(mm)	450			500		840		1020	
W(mm)	480			480		480		480	
D(mm)	130 (*160)			160		180		180	
		D	imensions of	Addressable	FACP with 1	7" Touch Scr	een		
Cabinet	Wall-mount				Floor-standing			Floor-standing	
H(mm)	870			1500			1800		
W(mm)	560				560			560	
D(mm)	200			260			260		

Specifications

Item	Specification										
Model	YFR-1										
Power Source	110V	AC 50/60 H	50/60 Hz or 220V AC 50/60 Hz								
Addresses / Loops	128/1L	256/1L	512/2L	768/3L	1024/4L	1280/5L	1536/6L	1792/7L	2048/8		
Standby Battery	24V DC										
Transmission Distance	Two-wires (able for branch wiring) 1.5km										
Annunciator Connection	Use RS-485 for 800m, Network Signal Transceiver for 3km and Optical Fiber for up to 40km										
Loop Voltage	Load Power / Indicating Lamp / Zone Telephone: 24V DC SLC power source: 32V AC										
Power Consumption	Main control panel (monitoring): 500mA Communication module for each system (monitoring): 280mA										
Transmission Method	Selecti	ve and sequ	uential (I/O	modules)							
Broadcast Output Method											
Main Audio	Voice notifications, human voice or voice alarm (over 90 dB)										
Ambient Temperature	0~40°C										
Cabinet Material	Powder coating steel (optional Flame retardant ABS enclosure available up to 256/1L only)										



▲ YFR-1 Addressable Fire Alarm Control Panel with 17" Screen

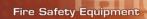


Wall-mount				
128/1L	256/1L			
370				
480				
90				
	128/1L 37 48			

TYY

Housed in a flame retardant ABS enclosure.

▲ YFR-1 Addressable Fire Alarm Control Panel



13 Specifications subject to change without notice.