

ACCUMULATION TYPE FIRE ALARM CONTROL PANEL YH-8401

Features Each circuit zone lamp is equipped with two parallel LEDs, protected by an aesthetic flashing lens cover (includes an internal movable insert plate for zone labeling).

- Equipped with 11 sets of control switches, 10 sets of function indicator lights, and 6 sets of fault indicator lights. Humanized control panel instantly displays the monitoring status of the control panel.
- Accumulation function design: Specifically designed to eliminate false alarms caused by pulse signals, noise, or interference after installation. The accumulation function naturally eliminates these signals, keeping false alarms to a minimum.
- Power-saving device for external indicator lights: Normally, when external indicator lights turn on during a power outage, the backup battery drains quickly, causing the panel to lose functionality prematurely. The power-saving device can be configured to keep indicator lights on or off during power outages. Even if set to off, they will still flash normally in case of a fire alarm, thereby extending the panel's supervisory monitoring operation.
- Practical flush-mount telephone device: Plugging in an external telephone handset triggers an audible signal and turns on the panel telephone indicator light. Lifting the handset instantly enables two-way communication with the external phone.
- Special control panel specifications can be custom-designed according to site requirements, such as floor-by-floor selective alarm ringing, PA system transfer, fire alarm signal transfer, wire disconnection signal transfer, monitoring system integration, PLC control, and touch-screen display.



Specifications	Description	Remarks
Power Supply	AC 110V or AC 220V 50/60Hz	YH-8401 or YH-8401-220V
Standby Power	DC 24V (standby time 3-6h No-load)	
Operating Current	0.8A ~ 9.6 A /220VAC	
Circuit Voltage & Current	DC 24V, Short-circuit voltage 5V, under 30mA	
Heat Detector Quantity	Unlimited quantity	Except electronic types
Smoke Detector Quantity	30 units per circuit zone	Our company products
Indicator Lamp Load	1.2 times panel zone circuit capacity	Parallel connection
Alarm Bell Load	1.2 times panel zone circuit capacity	Parallel connection
End-of-Line Resistor	10 kΩ	
Enclosure Material	1.6mm Steel Plate	2.0mm for extra-large cabinets
Color	Ivory White	
Ambient Temp	0°C ~ +50°C and Humidity :<95%non-condensing	

Dimensions / Appearance		Wall-Mounted Type							Floor-Standing Type		
		15L~20L	25L~30L	35L~40L	45L~50L	55L~60L	65L~70L	75L~80L	Single Door	Single Door (Widened)	Double Door
Zone Circuit	Height (H)	650	800	1000	1000	1150	1300	1600	2000	2000	2000
	Width (W)	450	470	470	470	500	500	500	600	800	1200
	Depth (D)	140	150	160	160	160	170	180	400	300	400
	weight (kg)	approx: 22	approx: 28	approx: 33	approx: 36	approx: 41	approx: 45	approx: 55			

Unit: mm (Other sizes and specifications can be customized)
Dimensions are subject to change without prior notice.



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