

HOCHIKI

RPV-AAW20 (JE)

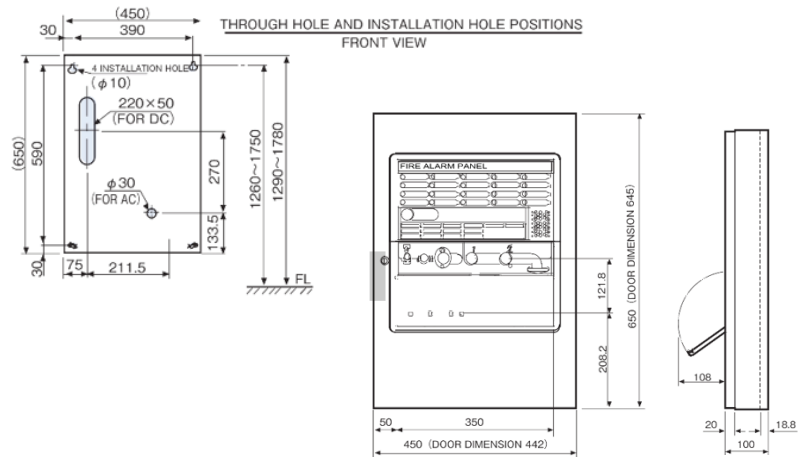
P1 type fire alarm control panel



Standard Features

- Versatile zone configuration to suit various requirement
- Light weight and compact in size
- Self-diagnosis function
- Hands-free intercom communication at control panel
- Various test functions
- History record up to 1200 events are able to transfer via USB

Dimension (mm)



Specification - P-1 Type Fire Alarm Control Panel (Time Delay Type)

Product code	RPV-AAW20 (JE)	
Number of zone	20	
Circuit type	RPV-A24A	
Classification	P-1 Type Fire Alarm Control Panel (delay type)	
Main power	AC220V 50/60Hz	
Transformer rating	75VA	
Battery capacity (Nickel cadmium battery)	DC24V, 0.6Ah	
Detector circuit voltage	20V (nominal)	
Power consumption	Monitoring (max.)	33VA
	Operating (max.)	65VA

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09/2023

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Specifications subject to change without notice

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Specification - P-1 Type Fire Alarm Control Panel (Time Delay Type)

Number of devices connected (Typical model names)	Smoke detector SLV-24N SOC-24VN		EOLR when 10kΩ Max. 20 units/zone (11 units/zone in average of all zones)
			EOLR when 20kΩ Max. 12 units/zone (6 units/zone in average of all zones)
	Beam detector SPC-24, SPC-ET		3 units/zone (Emitter separate power supply), 2 sets/zone
	Heat detector		No limit (contact type)
	Local sounder device	8mA bell	37 Units (DC24V, 300mA)
		13.5mA bell	20 Units (DC24V, 300mA)
	Indication lamp	9mA LED	70 Units (DC24V, 630mA)
		19mA LED	33 Units (DC24V, 630mA)
Repeater Panel		4 Units (Model: PEX-□H Type), (DC24V, 180mA)	
Typical delay time			Typical delay time 50 s (Heat: Within 20 s, Smoke: Within 50 s)
Delay system			Per-zone Temporary reset system
Main alarm			Speaker (DC18V, 100mA, Φ57)
External signal transfer	General fire alarm signal transfer		1c x 1 point (DC30V-1A)
	Fire confirmation signal transfer		1c x 1 point (DC30V-1A)
	Zone signal transfer		Open-collector output x number of zones (DC30V-1A)
	Multi signal transfer		1c x 2 points, 1a x 2 points (DC30V-1A)
Indication input			1a x 4 points No-voltage contact (1 point: With-voltage/No-voltage switching possible)
External wire resistance			Detector line (L-C) 50Ω or less
End of line resistor			10kΩ or 20kΩ
Operating temperature range			0°C to 40°C
External dimensions and weight			450(W)×650(H)×100(D) [mm], Approx. 11.5kg

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Specification - P-1 Type Fire Alarm Control Panel (Time Delay Type)

Material	Main body and door: Steel plate Thickness 1.2mm Powder coating
	Panel portion: Self-extinguishing resin (ABS) Thickness 2.7mm
Color	Main body and door: Munsell value N9.0 approximate color
	Panel portion: Munsell value 5Y6/0.5 approximate color
Accessories	Battery, Instruction Manual, Installation Manual, End of line resistor 10kΩ (Equivalent to the number of zones), Fuse clip and Telephone handset (for panel)
Spare part	Midget fuse: 3 pcs. Each, Short pin: 3 pcs.
Country of Origin	Japan