



# RPS-AAW10 (JE)

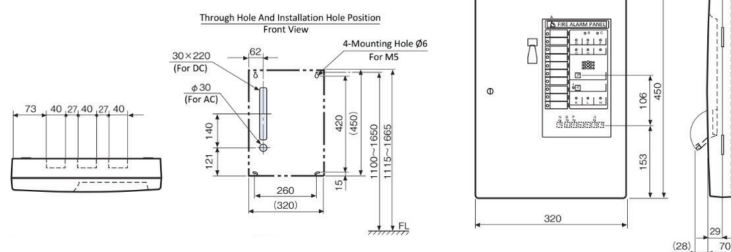
P1 type fire alarm control panel



## Standard Features

- Versatile zone configuration to suit various requirement
- Light weight and compact in size
- Time delay function
- Various test functions
- Built-in Telephone Jack
- Self-diagnosis function

## Dimension (mm)



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

|                                                      |                                       |                                                              |                         |
|------------------------------------------------------|---------------------------------------|--------------------------------------------------------------|-------------------------|
| Product code                                         | RPS-AAW10 (JE)                        |                                                              |                         |
| Number of zone                                       | 10                                    |                                                              |                         |
| Circuit type                                         | RPS-A24A (JE)                         |                                                              |                         |
| Main power                                           | AC220V 50/60Hz                        |                                                              |                         |
| Transformer rating                                   | 55VA                                  |                                                              |                         |
| Battery capacity (Nickel cadmium battery)            | DC24V, 0.45Ah                         |                                                              |                         |
| Power consumption                                    | Monitoring (max.)                     | 6VA                                                          |                         |
|                                                      | Operating (max.)                      | 49VA                                                         |                         |
| Detector circuit voltage                             | 24V (nominal)                         |                                                              |                         |
| Number of devices connected<br>(Typical model names) | Smoke detector<br>SLV-24N<br>SOC-24VN | Max.20 units/zone<br>(11 units/zone in average of all zones) |                         |
|                                                      | Beam detector<br>SPC-24, SPC-ET       | 3 units/zone (Emitter separate power supply)<br>2 sets/zone  |                         |
|                                                      | Heat detector                         | No limit (contact type)                                      |                         |
|                                                      | Local sounder device                  | 8mA bell                                                     | 20 units (DC24V, 160mA) |
|                                                      |                                       | 13.5mA bell                                                  | 11 units (DC24V, 160mA) |

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|                                                      |                                                                                                                                                                                                                                                                                                                                |                                                              |                         |
|------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------|-------------------------|
| Number of devices connected<br>(Typical model names) | Indication lamp                                                                                                                                                                                                                                                                                                                | 9mA LED                                                      | 44 units (DC24V, 400mA) |
|                                                      |                                                                                                                                                                                                                                                                                                                                | 19mA LED                                                     | 21 units (DC24V, 400mA) |
|                                                      | Aux power supply                                                                                                                                                                                                                                                                                                               | DC24V, 100mA                                                 |                         |
| 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                                           | Buzzer (DC24V, 25mA)                                                                                                                                                                                                                                                                                                           |                                                              |                         |
| External signal transfer                             | General fire alarm signal transfer                                                                                                                                                                                                                                                                                             | 1c x 1 point (DC30V-1A)                                      |                         |
|                                                      |                                                                                                                                                                                                                                                                                                                                | 1a x 1 point (DC30V-1A)                                      |                         |
|                                                      | Manual call point signal transfer                                                                                                                                                                                                                                                                                              | 1a x 1 point (DC30V-1A)                                      |                         |
|                                                      | Zone signal transfer*                                                                                                                                                                                                                                                                                                          | 1a x 1 point (DC30V-1A), Share common with fire confirmation |                         |
|                                                      | Fire confirmation signal transfer*                                                                                                                                                                                                                                                                                             | 1a x 1 point (DC30V-1A)                                      |                         |
| Indication input                                     | 1a x 3 points (For input voltage) (DC 10V to 33V or AC 10V to 33V)                                                                                                                                                                                                                                                             |                                                              |                         |
| External wire resistance                             | Detector line (L-C) 50Ω or less                                                                                                                                                                                                                                                                                                |                                                              |                         |
| End of line resistor                                 | 10kΩ , 1W                                                                                                                                                                                                                                                                                                                      |                                                              |                         |
| Operating temperature range                          | 0°C to 40°C                                                                                                                                                                                                                                                                                                                    |                                                              |                         |
| Material                                             | Self-extinguishing plastic, Plate thickness 3mm                                                                                                                                                                                                                                                                                |                                                              |                         |
| Color                                                | Original light gray (Munsell value 5GY8.5/0.4 approximate color)                                                                                                                                                                                                                                                               |                                                              |                         |
| Dimension                                            | (W)320 x (H)450 x (D)70 (mm)                                                                                                                                                                                                                                                                                                   |                                                              |                         |
| Weight                                               | Approx. 3.5 kg                                                                                                                                                                                                                                                                                                                 |                                                              |                         |
| Accessories                                          | Battery, Instruction Manual, Installation Manual, Summary of Operations and Indication, Maintenance telephone hook (2 sets), Indication signal label, Maintenance phone (FTL-3) for panel, Maintenance phone for manual call point, End of line resistor 10kΩ (Equivalent to the number of zones), Fuse clip and Caution label |                                                              |                         |
| Spare part                                           | Fuse: 3 pcs. Each                                                                                                                                                                                                                                                                                                              |                                                              |                         |
| Country of Origin                                    | Japan                                                                                                                                                                                                                                                                                                                          |                                                              |                         |

\* This function can be used only when the FWI-1 card (Signal transfer unit) for RPS-AAW10 (JE) is installed.

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Specifications subject to change without notice