

**YRR-01 / YRR-02**

**YRR-0601 / YRR-0602 (with isolation function)**

Communication isolation function, when short circuit occurred in the module, the module will be automatically isolated from the main communication line.

**Features**

- Built-in tri-state LED indicator to indicate different statuses, "Monitoring", "Disconnection" and "Fire State".
- Binary coded address dip switch.
- Two-wire multi-transmission.
- Stable communication with resistance to noise and disturbances.
- Self-test function for circuit disconnection and activation.
- Expandable to connect with photoelectric smoke, rate of rise heat and fixed temperature heat detectors.
- LED indication pattern, as follows: monitoring (flash at intervals of 2.5s), disconnection (flash at intervals of 0.5s) and fire state (on).
- Can be fixed on aluminum railings for easy installment.

**Specifications**

- EOL: Below 10KΩ capacitor / address.
- Operating Environment: 0°C~50°C relative humidity below 85%.
- Monitoring Current: 420 μA.
- Activating Current: 16mA
- Load Voltage Input: 24V DC (YRR-02).
- Rated Voltage: 33V AC.
- Output Contact Capacity: 30V DC / 2A (max).
- Material: Flame retardant plastic.
- Dimensions: 80(H)×60(W)×30(D) mm
- Note: TYY EOL capacitor.



▲ YRR-01

Function: Single address input.



▲ YRR-02

Function: Single address input and voltage control output.



▲ YRR-0601

Function: Single address input with communication isolation.



▲ YRR-0602

Function: Single address input and voltage control output with communication isolation.

**YRR-3LO / YRR-3LI**

**YRR-4LO / YRR-4LI**

**Features**

- Built-in tri-state LED indicator to indicate different statuses, "Monitoring", "Disconnection" and "Fire State".
- Binary coded address dip switch.
- Two-wire multi-transmission.
- Stable communication with resistance to noise and disturbances..
- Self-test function for circuit disconnection and activation.
- Expandable to connect with photoelectric smoke, rate of rise heat and fixed temperature heat detectors.
- LED indication pattern, as follows: monitoring (flash at intervals of 2.5s), disconnection (flash at intervals of 0.5s) and fire state (on).
- Can be fixed on aluminum railings for easy installment.

**Specifications**

- EOL: Below 10KΩ capacitor / address.
- Operating Environment: 0°C~50°C relative humidity below 85%.
- Monitoring Current: 3.2mA.
- Activating Current: 48mA.
- Activating Current: 64mA (YRR-4LI & YRR-4LO).
- Load Voltage Input: 24V DC (YRR-3LO & YRR-4LO).
- Rated Voltage: 33V AC.
- Output Contact Capacity: 30V DC / 2A (YRR-3LO & YRR-4LO).
- Material: Flame retardant plastic.
- Dimensions: 87(H)×93.5(W)×43(D) mm
- Note: TYY EOL capacitor.



▲ YRR-3LO

Function: 3 addresses inputs and voltage control outputs.



▲ YRR-3LI

Function: 3 addresses inputs.



▲ YRR-4LO

Function: 4 addresses inputs and voltage control outputs.



▲ YRR-4LI

Function: 4 addresses inputs.