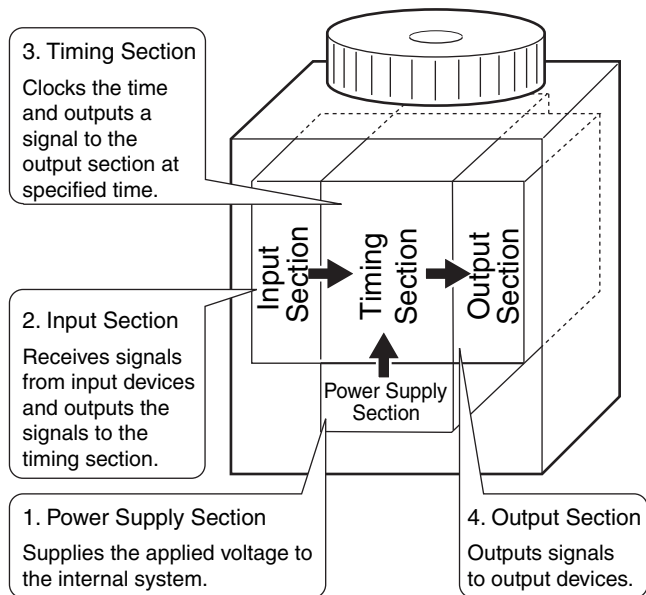# Overview of Timers

■ What is a Timer?

A timer is a control device that outputs a signal at a preset time after an input signal is received.
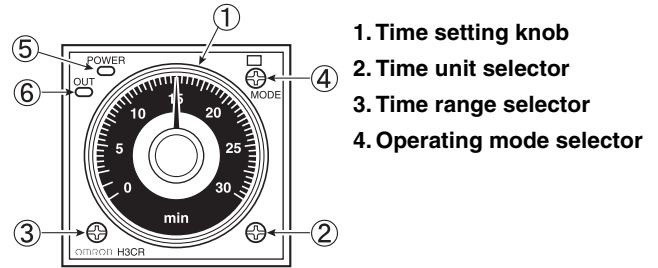
Timer Mechanisms

3. Timing Section

Clocks the time and outputs a signal to the output section at specified time.

2. Input Section

Receives signals from input devices and outputs the signals to the timing section.

Power Supply Section

1. Power Supply Section

Supplies the applied voltage to the internal system.

4. Output Section

Outputs signals to output devices.

■ Settings and Indicators

Example for the H3CR-A

Settings

1. **Time setting knob**
2. **Time unit selector**
3. **Time range selector**
4. **Operating mode selector**

| Note | A variety of time ranges can be set with the H3CR-A using the time unit selector and time range selector. |

Indicators

The pointers on the timer do not move along with time as the hands of a clock do. Time progression cannot be discerned. Therefore, two operation indicators are provided on the upper left of the timer to identify the timer status.

5. **Run/Power Indicator (Green)**

Run indicator: Indicates whether the time is being clocked or the time has been reached.

Power indicator: Indicates whether power is being supplied to the timer.

Fundamentally, the indicator will be lit when the power is being supplied and will flash when the time is being counted.

6. **Output Indicator (Orange)**

Used to see the status of the output. Lit when a signal is output.