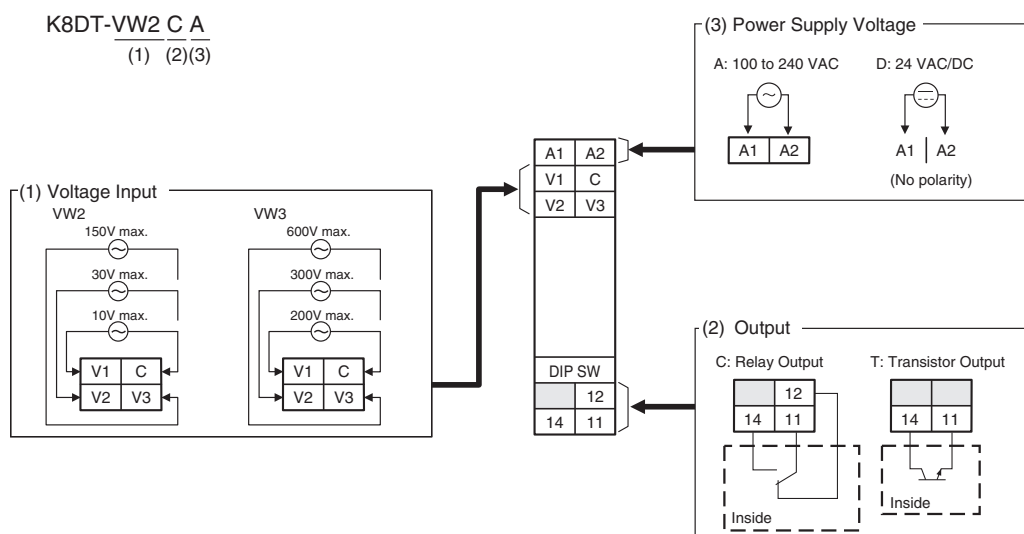


Connections

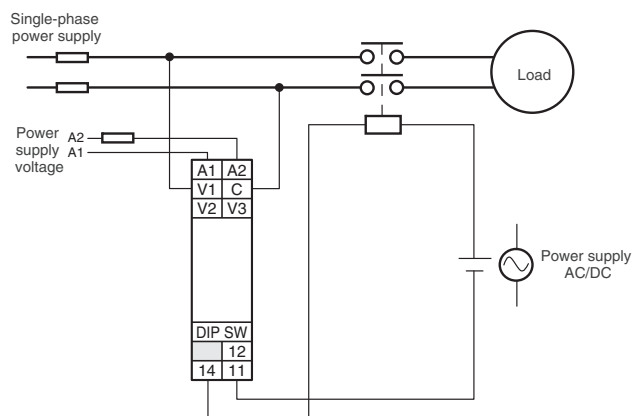
Terminal Diagram



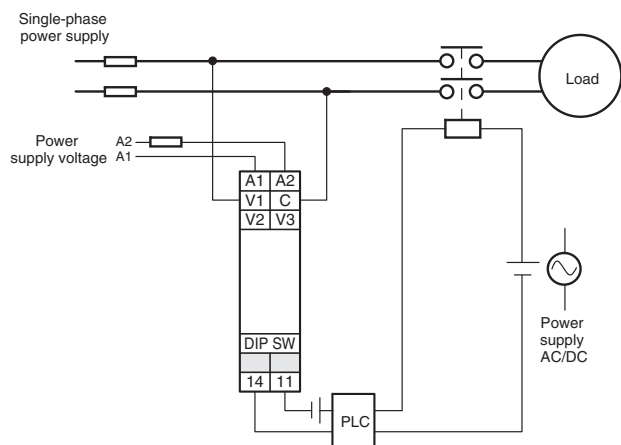
- Note:**
1. Do not connect anything to terminals that are shaded in gray.
 2. There is no polarity for the DC power supply input.
 3. For the voltage input, you can input only from the C terminal and one other terminal.
 4. Refer to *Setting Ranges and Wiring Connections* for information on the V1, V2, and V3 voltage input terminals.

Wiring Example

Relay Output



Transistor Output

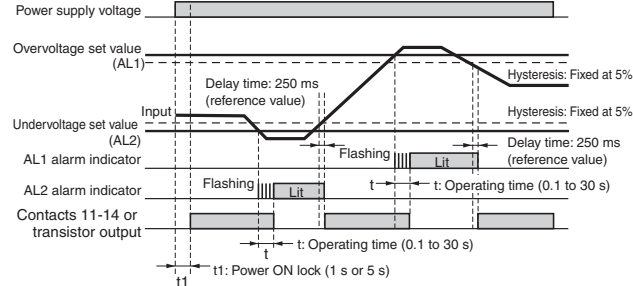


Note: Use copper wires with a rating of 75°C or an equivalent rating.

Timing Charts

Overvoltage and Undervoltage Operation Diagram

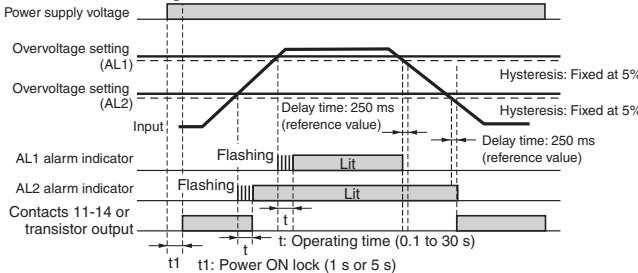
DIP switch settings: SW3 and SW4 both ON or both OFF.



- Note:** 1. The K8DT-VW□ output is normally operative.
2. The power ON lock prevents unnecessary alarms from being generated during the instable period when the power is first turned on. There is no relay output during timer operation.

Overvoltage and Overvoltage Operation Diagram

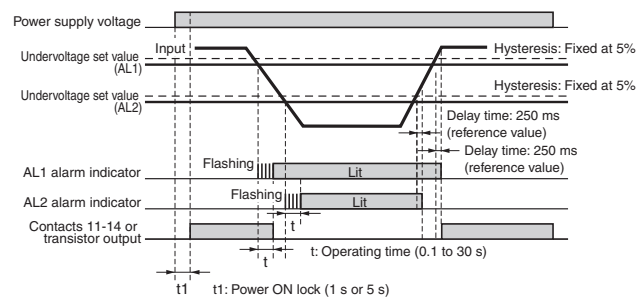
DIP switch settings: SW3 ON and SW4 OFF.



- Note:** 1. The K8DT-VW□ output is normally operative.
2. The power ON lock prevents unnecessary alarms from being generated during the instable period when the power is first turned on. There is no relay output during timer operation.

Undervoltage and Undervoltage Operation Diagram

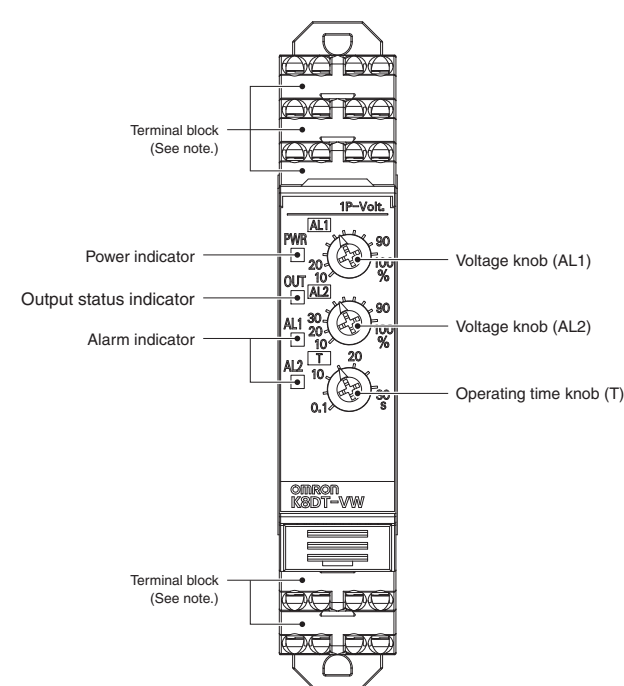
DIP switch settings: SW3 OFF and SW4 ON.



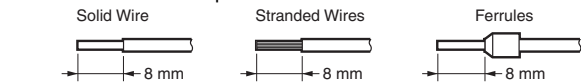
- Note:** 1. The K8DT-VW□ output is normally operative.
2. The power ON lock prevents unnecessary alarms from being generated during the instable period when the power is first turned on. There is no relay output during timer operation.

Nomenclature

Front



- Note:** Use solid wires, stranded wires, or ferrules to connect to the terminals.
To maintain the withstand voltage after connecting the terminals, insert 8 mm of exposed conductor into the terminal.



Indicators

Item	Meaning
Power indicator (PWR: Green)	Lit when power is being supplied.
Output status indicator (Output: Yellow)	Lights for output (lit for normal operation)
Alarm indicators (AL1 and AL2: Red)	Lit when there is an overvoltage or undervoltage. The indicator flashes to indicate the error status after the input has exceeded the set value while the operating time is being clocked.

Setting Knobs

Item	Usage
Voltage knob (AL1)	Used to set the voltage to 10% to 100% of maximum setting range.
Voltage knob (AL2)	Used to set the voltage to 10% to 100% of maximum setting range.
Operating time knob (T)	Used to set the operating time to 0.1 to 30 s.