

## KW-71-4 Anemometer with Three-stage Alarm Function

The KW-71-4 is an anemometer device that sounds an alarm at three separate alarm speed values. First, an electrical signal with a voltage proportional to the detected wind speed is received from a generator-type wind speed sensor. When the input voltage reaches a predetermined alarm speed value, a relay is triggered by a voltage comparator to sound the alarm buzzer.

**APPLICATIONS** Railways, ski lifts, etc.

### FEATURES

1. Has three different alarm levels
2. Includes a blown fuse alarm signal
3. Can be run on either AC or DC power
4. Can be connected to a recorder or indicator device

### SPECIFICATIONS

**Alarm speed values** 15 m/s, 20 m/s, 25 m/s (standard)  
**Alarm types** 15 m/s: white lamp, no buzzer  
 20 m/s: orange lamp, intermittent buzzer  
 25 m/s: red lamp, continuous buzzer

### Alarm circuit operation

**Stop** Alarm stops automatically when wind speed falls below alarm level for 10 seconds or more.

**Buzzer switch** Switch to OFF to stop buzzer.

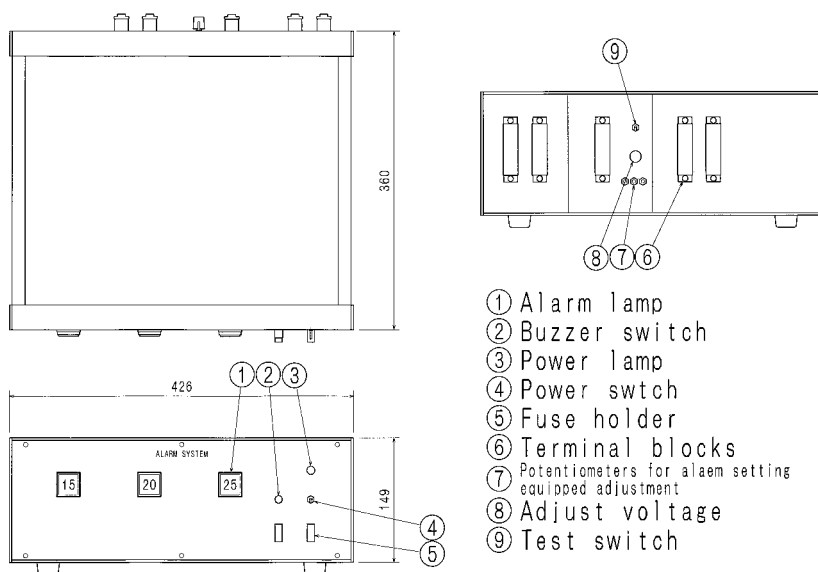
**Buzzer volume control**  
Control volume by turning volume knob.

**Blown fuse signal** When a fuse (AC or DC) is blown on any circuit, an ON signal is detected at the contact

**Power** 100 V AC  $\pm 10\%$  or 24 V DC  
If unit is connected to both AC and DC power sources, it will automatically switch to draw on DC power source in event of AC power source failure.



### Alarm-equipped Anemometer Dimensions



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