

200-WS-21-A Dual Set Point Wind Alarm

The **200-WS-21-A Dual Set Point Wind Alarm** includes a rotating cup style anemometer and internal alarm buzzer. Two independently controlled relays are provided to operate external equipment such as alarm lights or sirens. The Wind Alarm can function as an irrigation or fountain over-ride controller.

The backlit LCD display is easily visible through the transparent cover. With the cover removed the unit is programmed by push-button controls without the need to connect a computer. All set points and the maximum wind speed value are stored in non-volatile memory. DIP switch settings select the units (mph or kph) and enable/disable the buzzer.



Features

- Backlit LCD display
- Two independent alarm set points
- Internal 3A relays drive small non-inductive loads
- Programmable delay-before-on and delay-before-off timers
- Buzzer and flashing LEDs indicate alarm condition
- Push-button programming, no computer required

Ordering Information

200-WS-21-A	Dual Set Point Wind Alarm, includes sensor with 40' (12m) cable
200-WS-21P	Power Pack, 100-240Vac input / 12Vdc, 1A output
200-153	Mounting Arm

200-WS-21-A Dual Set Point Controller

Display	LCD, 2x16 characters, 3x8 mm character size, backlit
Indicators	Green LED - Power, Red LEDs - Alarms
Setup	DIP switch: WIND/TEMP, MPH/KPH, DEG F/DEG C, BUZZER/DISABLE
Programming	Pushbutton: MENU, UP, DOWN, CLEAR, GO
Connections	All user connections 1/4" male spade terminals (connectors supplied)
Relay specifications	Form "C" (SPDT) N.O. and N.C. Contact rating: 3A @ 24Vdc / 115 VAC
Alarm ON / OFF delay range	0 to 99 seconds
Timing accuracy	± 2%
Measurement range	0 to 99.9
Integration interval	2 seconds
Input Power	12V AC or DC, 50 mA maximum
Operating temperature	-20°C to +50°C
Mounting	Screws included for mounting to a vertical surface
Dimensions	5.12 x 6.25 x 2.95 inch (13.0 x 15.9 x 7.5 cm)
Weight / Shipping	1 lbs (0.45 kg) / 2 lbs (0.9 kg)

200-WS-01B Anemometer Specification

Measurement Range	125 mph max (55.88 m/s max)
Speed Threshold	1.2 mph (0.5364 m/s)
Speed Constant	1.25 mph = 1 Hz (0.5588 m/s = 1 Hz)
Accuracy	1 mph (0.4470 m/s) or ±3%
Transducer Type	Reed switch, magnet activated
Maximum Rating	10 mA @ 50 V (ac or dc)
Turning Radius	4 inch (10.16 cm)
Cable	40 feet (12 m), 2 conductor, 24 AWG, shielded, tinned leads
Mounting	1.07 inch diameter by 0.82 inch socket (27 mm dia x 21 mm) (fits standard 3/4" IPS pipe)
Dimensions	4.5 H x 8.5 W inches (12 x 22 cm)
Weight / Shipping	1 lbs (0.45 kg) / 2 lbs (0.9 kg)