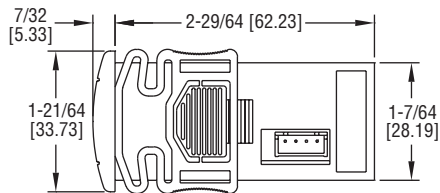
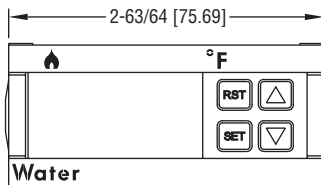


DIGITAL TEMPERATURE/WATER LEVEL SWITCH

Two Temperature Set Points, Low Water Level Alarm



The **SERIES TSWB** Digital Temperature Switch offers complete boiler control for outdoor wood boilers and other similar heating equipment.

FEATURES/BENEFITS

- 3 outputs for high temp, low temp or input alarm
- Conductivity probe input for water level monitoring
- Configuration key

APPLICATIONS

- Wood or pellet boilers

SPECIFICATIONS

Probe Range: PTC: -58 to 302°F (-50 to 150°C); NTC: -58 to 230°F (-50 to 110°C).

Probe Temperature Input: PTC (1000Ω @ 25°C); NTC (10KΩ @ 25°C).

Probe Level Input: Conductivity probe: Max voltage 12 VAC. Sensitivity established from factory at 100KΩ.

Output: R1 SPST NO relay resistive load 5 A @ 250 VAC; R2 SPST NC relay resistive load 5 A @ 250 VAC; R3 SPDT relay resistive load 16 A @ 240 VAC.

Horsepower Rating: 1HP -- 10FLA, 60LRA 250 VAC.

Control Type: On/off.

Power Requirements: 115 VAC ± 10%, 230 VAC ± 10%, 24 VAC/DC ± 10%, 12 VAC/DC ± 10%.

Power Consumption: 4VA (230V/115V), 1.5VA (24V/12V).

Accuracy: > 1% of full-scale.

Display: 3-digit, red 1/2" digits.

Resolution: 1° (3 digits).

Memory Backup: Nonvolatile memory.

Ambient Operating Temperature: 32 to 158°F (-30 to 70°C).

Storage Temperature: -4 to 176°F (-30 to 80°C).

Weight: 3.5 oz.

Front Protection: IP64.

Agency Approvals: CE, cULus.

MODEL CHART

Model	Supply Power	Unit
TSWB-010	115 VAC	°F
TSWB-011	115 VAC	°C

ACCESSORIES

See page reference below.

Digital Temperature Switch Probes and Accessories: See page 215 (Series TS-Probes)