The Series TSW Digital Temperature Switch combines the trusted, reliable TS family of temperature controls and an installation friendly weatherproof enclosure. By using the same programming parameters as our Series TS2 and Series TSS2, setup can be quickly completed using the front keypad or by using the TS2-K configuration key. In order to prevent tampering from unauthorized users, a parameter lock physical jumper and software passcode security are standard in the unit. The bright, easy-to-read LED display shows the current output status and the temperature measurement.

The multiple conduit knockouts on the Series TSW give flexibility to the installer to determine the best location for the conduit entry. Another installation friendly feature of the Series TSW is the ability to quickly jumper the line voltage to the common of the output relay using fast tabs.

In order to reduce time in selecting models, the Series TSW has universal high and low power supply models and field selectable engineering units. The Series TSW includes one TS-1 PTC thermistor probe.

**SPECIFICATIONS**

- **Probe Range:** PTC: -58 to 302°F (-50 to 150°C); NTC: -58 to 230°F (-50 to 110°C).
- **Input:** PTC (1000 Ω @ 25°C); NTC (10K Ω @ 25°C).
- **Output:** R1 SPDT relay resistive load: 20A @ 240 VAC; R2 SPDT relay resistive load: 8A @ 240 VAC; Inductive load: 3A @ 240 VAC.
- **Horsepower Rating:** R1 2HP @ 240 VAC.
- **Control Type:** On/off.
- **Power Requirements:** 90 to 255 VAC or 12 to 24 VAC/VDC (±10%) depending on model.
- **Power Consumption:** 3.6VA.
- **Accuracy:** ±1% FS.
- **Display:** 3 digits plus sign.
- **Resolution:** 0.1° < 100°; 1° ≥ 100°.
- **Memory Backup:** Non-volatile memory.
- **Ambient Temperature:** 32 to 104°F (0 to 40°C).
- **Weight:** 1.2 lbs (544 g).
- **Front Protection:** NEMA 4X (IP66).
- **Agency Approvals:** CE, cUL, UL.

**Model | Description | Supply Power | Price**
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TSW-150 | Single Stage | 90 to 255 VAC | $69.00
TSW-160 | Single Stage | 12 to 24 VAC/VDC | 69.00
TSW-250 | Dual Stage | 90 to 255 VAC | 89.00
TSW-260 | Dual Stage | 12 to 24 VAC/VDC | 89.00

**ACCESSORIES**

- **TS-1, PTC Thermistor with Brass Cap** .......................................................... $6.00
- **TS-2, PTC Thermistor with SS Cap** ............................................................... 9.00
- **TS-5, PTC Thermistor with Plastic Cap** ....................................................... 6.00
- **TS-W, Brass Thermowell for TS-1 and TS-2** ............................................ 7.00
- **TS2-K, Programming Configuration Key** ................................................... 89.00

(1) Items are subject to Schedule B discounts.
(2) Items are net priced and are not subject to any discount.