



## Temperature/Humidity Switch

Independent Displays, 61 Programmable Parameters, 4 SPST Relays

## Models Select Chart

Model	Description
THC-10	Temperature/humidity switch, °F, 110 VAC.
THC-11	Temperature/humidity switch, °C, 110 VAC.
THC-20	Temperature/humidity switch, °F, 230 VAC.
THC-21	Temperature/humidity switch, °C, 230 VAC.

## Accessories

Model	Description
THC-P	Humidity probe with 3V output & 4' (1.2 m) cable.
TS-51	PTC Sensor, PVC Sheath, PVC Cable, 10 ft (3 m) cable.
TS-61	PTC Sensor, Polyamide Resin Coated Brass Sheath, PVC Cable, 10 ft (3 m) cable.

Specifications:-	
<b>Measurement Range</b>	: Temperature: -58 to 302°F (-50 to 150°C); Humidity: 10 to 100% RH.
<b>Input</b>	: Up to 2 thermistors and 1 humidity sensor.
<b>Output</b>	: 4 SPST, 8 A relays @ 250 VAC.
<b>Horsepower Rating (HP)</b>	: 1/3 HP.
<b>Control Type</b>	: On/Off direction, direct or reverse acting, neutral.
<b>Power Requirements</b>	: 110 or 230 VAC (depending on model).
<b>Accuracy</b>	: Temperature: ±0.5% of probe range; Humidity: ±3% (20 to 90%) of range.
<b>Display</b>	: Two 3-digit displays. 1/2" digits.
<b>Resolution</b>	: 0.1°.
<b>Memory Backup</b>	: Nonvolatile memory.
<b>Ambient Operating Temperature</b>	: 32 to 158°F (0 to 70°C).
<b>Storage Temperature</b>	: -4 to 176°F (-20 to 80°C).
<b>Weight</b>	: 1.17 lb (530 g).
<b>Panel Cutout</b>	: 5.15" x 3.97" (131 x 101 mm).
<b>Front Panel Protection</b>	: IP64.
<b>Agency Approvals</b>	: CE.

