



## SERIES TST | DIGITAL TEMPERATURE SWITCH



### FEATURES/BENEFITS

- Buzzer indicates probe/memory error or high/low temperature alarm conditions
- Capacitive buttons offer clean panel face design

### APPLICATIONS

- Refrigeration
- Holding ovens
- Boilers
- Brewing systems

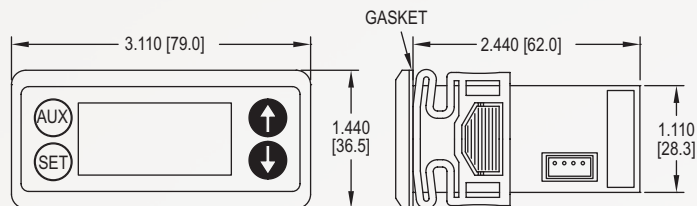
### DESCRIPTION

The **Series TST Digital Temperature Switch** is designed with many heating and cooling applications in mind. This low cost switch is simple to set up with one probe input and SPDT switch output. Programming performed using either the front keypad or through a TS2-K programming key.

### SPECIFICATIONS

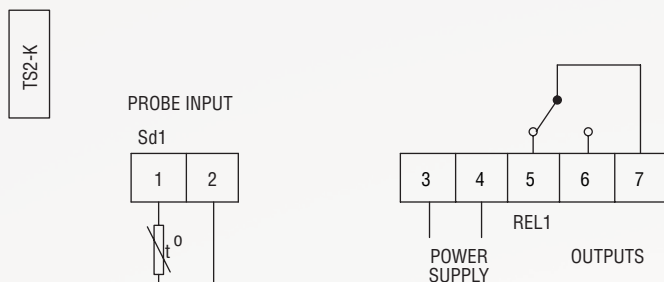
<b>Probe Range</b>	PTC: -58 to 302°F (-50 to 150°C); NTC: -58 to 230°F (-50 to 110°C).
<b>Input</b>	PTC (1000 Ω @ 25°C) or NTC (10 KΩ @ 25°C) thermistor.
<b>Output</b>	SPDT relay rated 16 A @ 240 VAC resistive, 10 FLA, 60 LRA.
<b>Horsepower Rating</b>	1 HP.
<b>Control Type</b>	On/off.
<b>Power Requirements</b>	115 VAC, 230 VAC, 24 VAC/VDC, or 12 VAC/VDC.
<b>Power Consumption</b>	4 VA @ 115/230 VAC; 1.5 VA @ 12/24 VAC/VDC.
<b>Accuracy</b>	±1% FS.
<b>Display</b>	3-digit, plus sign.
<b>Resolution</b>	0.1°.
<b>Memory Backup</b>	Nonvolatile memory.
<b>Ambient Temperature</b>	32 to 131°F (0 to 55°C).
<b>Storage Temperature</b>	-4 to 176°F (-20 to 80°C).
<b>Weight</b>	115 and 230 V models: 7.2 oz (204 g); 12 and 24 V models: 4.8 oz (136 g).
<b>Front Panel Rating</b>	IP65.
<b>Agency Approvals</b>	CE, cURus.

## DIMENSIONS



Panel cutout 2-51/64" x 1-9/64" (71 x 29 mm)

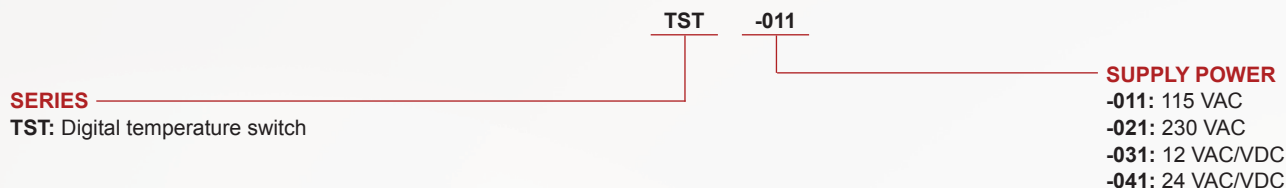
## WIRING DIAGRAM



TST-XX1  
1 relay output

## HOW TO ORDER

Use the **bold** characters from the chart below to construct a product code.



## ACCESSORIES

Model	Description
Series TS-Probes	Digital temperature switch probes and accessories

**ORDER ONLINE TODAY!**  
[dwyer-inst.com/Product/SeriesTST](http://dwyer-inst.com/Product/SeriesTST)



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