

# THERMAL

**Thermal Products Pty. Ltd.**

[www.thermalproducts.com.au](http://www.thermalproducts.com.au)

178 - 180 HOLT PARADE  
THOMASTOWN VIC 3074

PH - (03) 9464 0822

FAX - (03) 9464 0630

[sales@thermalproducts.com.au](mailto:sales@thermalproducts.com.au)

## TST Series Hot Water Thermostats

### **Part No: TST1201**

Surface Thermostat 50°C - 70°C



### **TST1201**

**Replaces:**

**W1M2/70**

**EWT1L2-513**

**EWT1L2-513N**

**EWT1L2-513L**

**EWT1L2-540**

**EWT1L2-523**

### **Part No: TST1205**

Surface Thermostat 50°C - 80°C



### **TST1205**

**Replaces:**

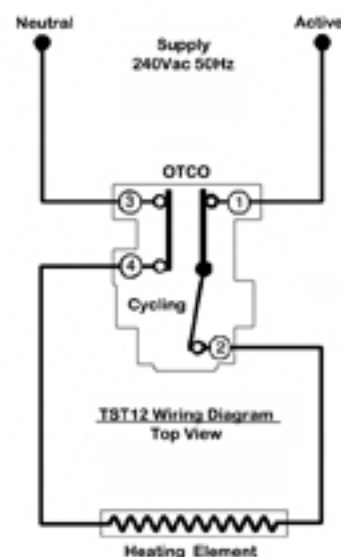
**W1M2/80**

**EWT1L2-80KS**

**EWT1L2-501**

**EWT1L2-501N**

**EWT1L2-5018**



### **WARNING:**

1. All wiring of the thermostat shall conform to AS3100 & is to be installed by a licenced electrician
2. Electronically isolate from mains supply before disconnecting. Failure to do so can result in an electric shock.

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## TST Series Hot Water Thermostats

### **Part No: TST1002**

Surface Thermostat 50°C - 80°C



### **TST1002**

**Replaces:**

**W1**

**EWT1-701KS**

Differential 4° - 12°C

### **Part No: TST1006**

Surface Thermostat 60°C - 90°C



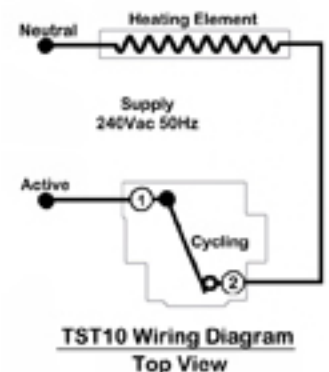
### **TST1006**

**Replaces:**

**W1/93**

**EWT1-703KS**

Differential 4° - 12°C



### **WARNING:**

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## TST Series Hot Water Thermostats

**Part No: TST2201**

Surface Thermostat 50°C - 70°C



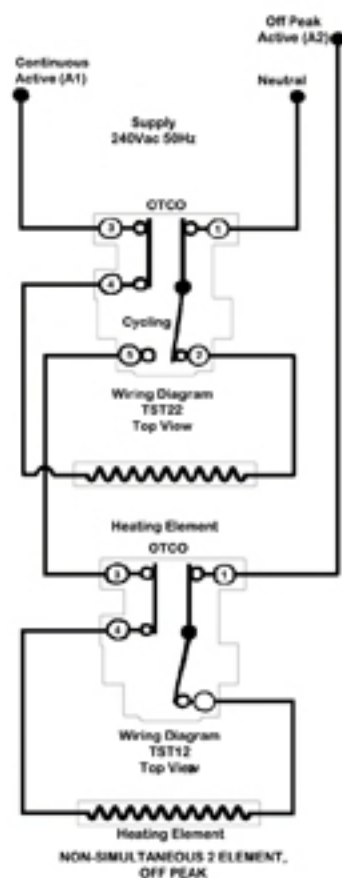
**TST2201 Replaces:**

**W2M2**

**EWT2L2-80KS**

**EWT2L2-601**

Differential 4 - 12 C



Note TST22 to be connected in this configuration only and set temp must be lower than TST12

### WARNING:

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## TST Series Hot Water Thermostats

The Robertshaw TST Series Electric Water Heating Thermostats have replaced the EWT1, EWT1L2, EWT2L2, EWT1L2S, W1, W1M2, W2M2, SH and SA Series Thermostat. The TST thermostats have been designed as interchangeable with the older units. Additionally, where Off-Peak dual element controlled water heater thermostats require replacement, the TST can be mixed with the EWT & WM Series.

It is **IMPORTANT** to fit the correct model replacement thermostat. Please refer to the guide below for the correct model replacement.

MODEL	REPLACES	COMMENTS
TST10	Robertshaw W1 & EWT1 Series	Thermostat only. No OTC included
TST12	Robertshaw W1M2 & EWT1L2 Series	Thermostat and Manual Reset OTC Used for mains pressure electric water heaters
TST22	Robertshaw W2M2 & EWT2L2 Series	Thermostat and Manual Reset OTC Used for top element of dual element mains pressure electric water heaters

\* OTC = Over Temperature Cutout

MODEL	Corresponding Terminal Location					
EWT1L2/2L2	1L	2T	3L	4L	4T	2L/1T
TST12/22	1	2	3	4	5	No Connection
EWT1	1T	2T				
TST10	1	2				

At all times refer to the requirements of the Dept of Health authorities in your state with regard to their requirements for minimum and maximum temperature settings for storage water heaters. Set the pointer on the replacement thermostat to the same setting as the original thermostat being replaced. If in doubt, do not set above 60° C.

**WARNING: Water at or above 60°C can cause a deep scald to a child in 1 (one) second.**

### **WARNING:**

1. All wiring of the thermostat shall conform to AS3100 & is to be installed by a licenced electrician
2. Electronically isolate from mains supply before disconnecting. Failure to do so can result in an electric shock.



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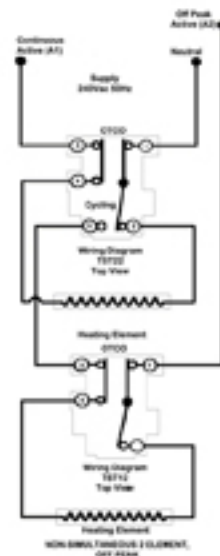
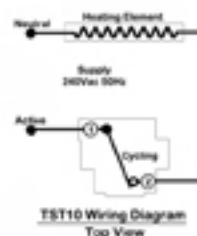
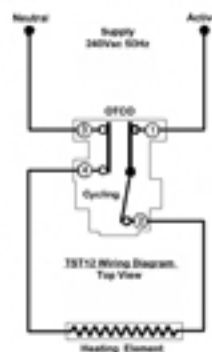
## TST Series Hot Water Thermostats

This new design black body thermostat has been introduced to replace the discontinued range of grey bodied "EWT" thermostats. These TST type thermostats are more compact in size, responds quicker to temperature changes and still fits the existing mounting clamps.

**\*\* Important Note \*\*** When fitting the new TST thermostats as replacement for the discontinued EWT units, some wiring changes will be needed. The TST thermostats do NOT have the same wiring as the EWT series. Refer to the new wiring diagrams below, also new diagrams are provided in all thermostat packaging and can be provided on request.



PART No.	REPLACES	Temp Range
TST1201	ST1201113, W1M2/70 EWT1L2-5085, W1M2503 W1M25085, W1M25034	ADJ 50 - 70 C Diff 4 - 12
TST1205	EWT1L2-501, W1M2/80 ST1205113, W1M25018 W1M25069, W1M22513 W1M2501	ADJ 50 - 80 C Diff 4 - 12
TST2201	EWT1L2-601, W2M2 WM2601, WM26010	ADJ 50 - 70 C Diff 4 - 12
TST1002	EWT1-701KS, W1 EWT1, EWT1701	ADJ 50 - 80 C Diff 4 - 12
TST1006	EWT1-703KS, W1/93 EWT1703, W1703A	ADJ 60 - 90 C Diff 4 - 12



Note TST10 to be connected in this configuration only and will lamp must be lower than TST12

### WARNING:

1. All wiring of the thermostat shall conform to AS3100 & is to be installed by a licenced electrician
2. Electronically isolate from mains supply before disconnecting. Failure to do so can result in an electric shock.