



The Geyserwise TSE and Geyserwise Max are used as timers on geysers and solar water heating systems and come with a 1 year warranty. These timers are SANS compliant.

Model	TSE	Max
Operating Voltage	230VAC / 50Hz	230VAC / 50Hz
Main Relay Contact Rating	30A (max. 4kW)	30A (max. 4kW)
Operating Voltage Range	160VAC – 250VAC	160VAC – 250VAC
Temperature Display Range	0°C - 99°C ("-5" when below -5°C) ("EA" when above 99°C)	0°C - 99°C ("-5" when below -5°C) ("EA" when above 99°C)
High Temperature Warning	> 84°C	> 84°C
Temperature Setting Range	30°C - 65°C; Default 55°C (heating water electrically)	30°C - 65°C; Default 55°C (heating water electrically)
Heat Failure	when increase at a rate of < 4°C p/h	when increase at a rate of < 4°C p/h
Electronic Thermostat with Mechanical Thermal Cut-out	at 90°C (> 90°C expected for solar systems)	at 90°C
Dry Heat Detection	Empty Cylinder	Empty Cylinder
Temperature Tolerance	± 2%	± 2%
Temperature Differential Setting	1°C	1°C
Switching Differential	6°C	6°C
Temperature Probe Failure Detection	for Tank	for Tank & Collector
Temperature Probe Range for Geyser	-30°C to 130°C	-30°C to 130°C
Secondary Relays	n/a	Pump & Solenoid 5A
Earth Leakage Protection at 25MA Action Time	n/a	0.1 second
Second Temperature Probe for Solar	No	Yes
Solar Differential	n/a	7°C
Temperature Probe Range for Collector	n/a	-30°C to 260°C
Isolate L + N when in Off State	No	Yes
Collector Antifreeze Protection at 5°C	No	Yes
Used as Timer	on Geyser on Thermo Siphon Solar Water Heating System	on Geyser on Thermo Siphon Solar Water Heating System on Split Pumped Solar Water Heating System
Used as Differential Control		on Split Pumped Solar Water Heating System (12V and 220V)
Clear Display of Water Temperature, Time, Day, Heating Mode and Malfunction Conditions	Yes	Yes
Auto or Manual Heating	Yes	Yes
Four Different Temperature Settings	Yes	Yes
Daily Programmable Timer with Four Time Settings	Yes	Yes
Error Conditions Alert by Warning	E2 to E5	E1 to E9