

## THERMAL SWITCHES

A Thermal Switch is a device which senses the temperature of the radiator and turns on the electric fan when cooling is needed. The Thermal Switch is adjustable over a wide range of temperatures by turning an adjustable screw located on the controller.



**0401 Thermatic Fan Switch**  
**0404 Thermal Switch & Relay**



**0402 Thermatic Fan Controller**



**0409 Thermal Switch Adaptor Kit**

### MECHANICAL THERMAL SWITCH

The Mechanical Thermal Switch is adjustable from 40 to 100 degC. The Thermal Switch is mounted near the radiator and the stainless steel probe fitted inside the radiator hose.

The Thermal Switch is then connected to the ignition circuit for operation.

The Thermal Switch & relay kit enables a fan to operate both thermally and also when the air conditioning is running.

### ELECTRONIC THERMAL SWITCH (12V ONLY)

The Electronic Thermal Switch Kit has an adjustable temperature range of 40°C to 99°C. The Thermal Switch, Relay & Wiring Loom all come pre-connected ready for installation.

The thermal switch can be operated thermally and also when the air conditioning is running.

The Electronic Thermal Switch has the advantage over the Mechanical Thermal Switch in that the probe can be placed between the fins of the radiator and does not have to be placed inside the radiator hose.

### TEMPERATURE SENSOR ADAPTOR KIT

Now there is no need to squeeze the probe of the Mechanical Thermal Switch or EWP Controller between the radiator inlet and radiator hose.

This simple and economical Adaptor Kit allows easy fitting directly into the radiator hose.

Just fit probe into compression fitting, remove about 17mm of radiator hose, fit adaptor between each end of hose, secure hose clamps and the job is done.

The kit comes with everything you need for a watertight and effective installation. We even supply rubber sleeves to enable fitment to radiator hose sizes from 32 to 40 mm diameter.

# DIGITAL EWP CONTROLLER

Part No. 8020

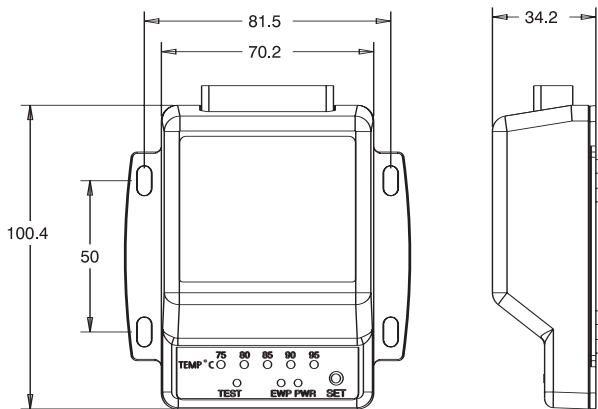
For Optimum control of Electric Water Pumps  
Suits Davies, Craig EWP80, EWP110 & EBP



### Technical Specifications

Input Voltage	12V DC to 13.5V DC
Output Voltage	5V to 13.5V
Maximum Current	12.0 Amps
Operating Temperatures	75, 80, 85, 90, 95 DegC
Controller Type	PCB with micro-processor
Sensor Type	Thermister in housing
Time-out	2 min. max or set -5 DegC
Indicator LEDs	Temp., Power, Pump, Test
Weight	90 grams (3.2 oz.)
Dimensions (mm)	101 (l) x 95 (w) x 35 (d)

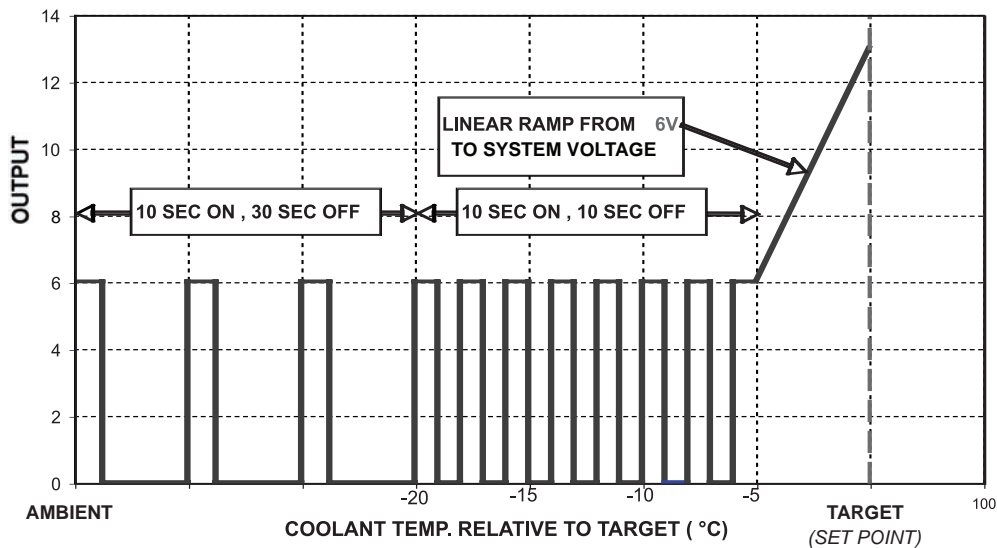
### Dimensional Specifications



### Kit Contents

PART#	DESCRIPTION	QTY
8120	Digital Controller	1
8920	Instructions	1
8411	Wiring Harness	1
8410	In-line Adaptor	1
8510	Sleeve 3mm	2
8512	Hose Clamps	2
8414	Thermal Sensor	1
	Assorted Hardware	AR

### EWP DIGITAL CONTROLLER OPERATION



# Davies Craig Cooling Technology



*Transmission Cooler*



*Thermatic Fans*



*Electric Water Pumps*



*Fan Clutches*



*DC Motors*



*Thermo Switches*

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For overseas distributor see website.