

**Model: CT4**

# Product Information Sheet

**Product Code: CT4SFK**

Description: Heavy Duty System 12V Input, Four Capacitive Couplers



This Heavy Duty System has been specifically designed to protect the Four Wheel Drive vehicle\* from rust; even when these vehicles are exposed to FREQUENT use within highly corrosive environments such as driving on salted roads or beaches. This system may also benefit Motor Cars that are suffering from minor rust problems. But remember, as good as this product is, it is not a miracle cure for badly rusted vehicles, as the more rust a vehicle has, the harder it is to stop.

(\*Also suitable for large LWB vans).

## PRODUCT BENEFITS

- Protects 100% of the vehicles metal surface, inside and out\*.
- Helps stop paint from oxidizing and keeps the paintwork looking like new.
- Removes static electricity from the vehicles surface.
- Systems are Transferable.
- Reduces maintenance costs associated with rust and corrosion.
- Will slow or stop existing corrosion.

\*Any metal component that is insulated from earth is not protected.

## KEY FEATURES

- Incorporates CouplerTec Capacitive Coupling Technology – The ONLY tried tested and proven technology to protect motor vehicles from rust and corrosion.
- Solid State Electronics – Offers an indefinite life span.
- Four Capacitive Couplers, each charged by their own dedicated circuit.
- The CouplerTec module incorporates a microprocessor that employs a process called 'Monitored & Controlled Performance' – This is where the microprocessor monitors and controls the performance of the system, ensuring that it is operating at the optimum level. The module confirms that it is working correctly by way of a Green flashing LED, giving you peace of mind that your vehicle is being protected. Conversely, the system will also indicate the detection of a fault by way of a Red flashing LED. The system will reset after the fault has been rectified.

Re-fit kit available - Allowing units to be transferred from one vehicle to another.



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# Technical Specifications



Module	Solid state electronics Microprocessor monitored and controlled Self diagnostic
Technology	CouplerTec Capacitive Coupling
Voltage Requirement	12VDC
Minimum Voltage (Input)	11.5VDC
Maximum Voltage (Input)	15VDC
Power Draw	24mA ~ (Typical)
Number of Circuits	Four
Voltage Output Per Circuit (VP)	400V (Peak) and from 200V (RMS Typical)
Minimum Operating Frequency	200 kHz
Carrier Frequency	20 kHz
Capacitance	80 pF (Typical Average)
Maximum Operating Temperatures	-30 ~ +85 deg C (Ambient)
Module Dimensions	70mm x 55mm x 32mm (L x W x H)
Module Weight (including wiring)	240g
Number of Capacitive Coupler's	Four
Capacitive Coupler Size	80mm x 50mm (L x W)

### CouplerTec International Patents:

- Australia Patent 2007236536
- Canada Patent 2642716
- France Patent 07718629.4
- Germany Patent 07718629.4
- Switzerland Patent 07718629.4
- United Arab Emirates Patent 909
- United Kingdom Patent 07718629.4
- United States of America Patent 7,901,547

### Certifications and Approvals:

**Tested to Automotive Standard CISPR 25 EMC**



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