

# Super8 Relay Module

## User Manual

Version 1.0



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## **Product Description**

The SUPER8 Relay module contains 8 mechanical SPDT (Single pole double throw) power relays.

Relays can be switched directly or over serial link via commands.

## **System Requirements**

1. Control system to send serial commands (UART 9600 baud) or drive digital signal TTL level 0 V to > 3V. Suitable systems include 'Arduino' <sup>tm</sup> and 'Raspberry Pi' <sup>tm</sup>
2. 5 Volt, 1Amp DC power supply.

See [www.tctec.net](http://www.tctec.net) for examples

## **Specifications**

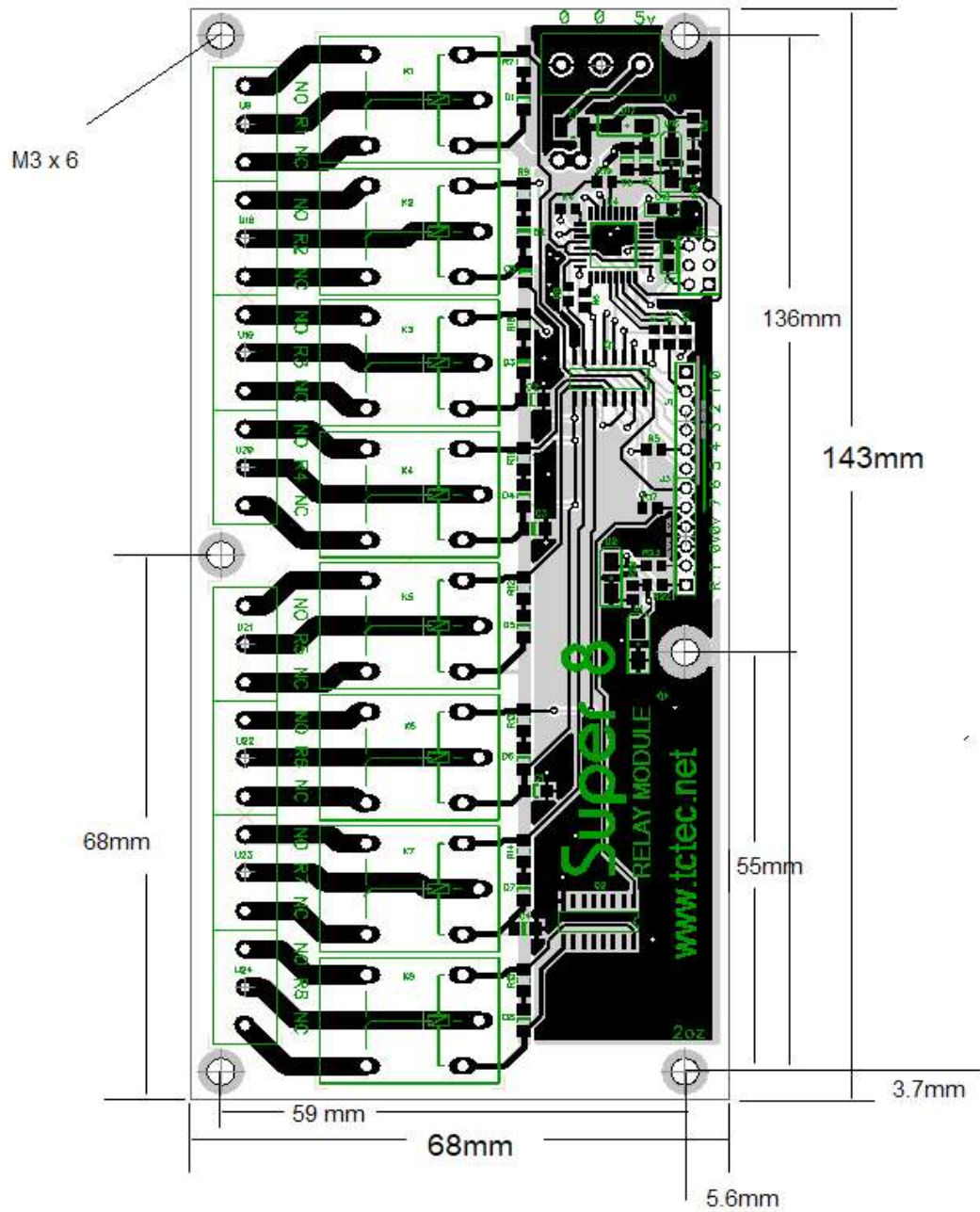
Current consumption when all relays are activated:	520mA
Supply:	5V DC external supply
Dimensions:	143mm x 68mm x 20mm
Relay Switching / Control speed:	100mSec
Relay specifications: Omron G5LE-5DC Fully Sealed	
30VDC @ 5Amps, 250VAC @ 5Amps	

## **Software**

Find the latest example software at our website:

[www.tctec.net](http://www.tctec.net)

## Physical Dimensions



## Disclaimer

This device should not be used in applications where failure may result in death or injury without proper consideration and design of associated system architecture and redundant safety features.

The manufacturer, tctec pty ltd accepts no responsibility for injury, death or loss caused by the use or misuse of this device.