

# Connections to Microtec Standard Globe Tower Light (with internal buzzer)

## Microtec Light Control Module MkII

Connecting a Standard Globe Tower Light to a Microtec Light Control Module Mk II:

Route wires from the light fitting to the Light Control Module, 5 or 7 core “trailer” cable is ideal for this.

Strip cable to expose the wires. Strip each wire to expose the copper and crimp ferrules onto the bare ends. Where 2 wires share a single terminal as with the lamp buzzer, place both wires into a single ferrule. Trim excess copper from the ferrule ends before terminating in accordance with the following table.

**Unused wires from the light fitting must be insulated to prevent accidental connection to each other or external conductive objects**

Light Control Module Output connection No. <i>Fig 1.</i>	Light terminal connection No. <i>Fig 2.</i>	Function
GND	0 <b>Buzzer (Black)</b>	Supply GND
12/24V Outputs 1	1	Green lamp
12/24V Outputs 2	2	Yellow Lamp
12/24V Outputs 3	3	Red Lamp
12/24V Outputs 4	4 <b>Buzzer (Red)</b>	Buzzer

**NOTE:** To make connections to the light terminals, place a small flathead screwdriver into the square opening behind the terminal, while slightly pulling back to open the terminal. Push the ferrule ended wire into the open terminal and withdraw the screwdriver to spring clamp the wire.

See Fig 2

For details on Input wiring and programming see the Microtec Light Control Module MkII Overview leaflet.

Fig 1

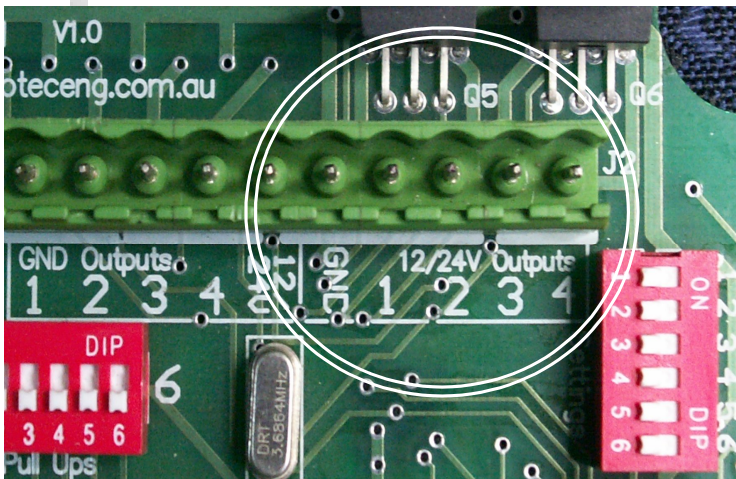
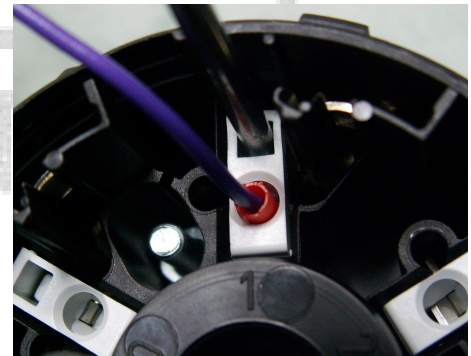


Fig 2



# Connections to Compact Microtec LED Light (with internal buzzer)

## Microtec Light Control Module MkII

Connecting a Compact Microtec LED light to a Microtec Light Control Module Mk II:

Route wires from the light fitting to the Light Control Module, 5 or 7 core "trailer" cable is ideal for this.

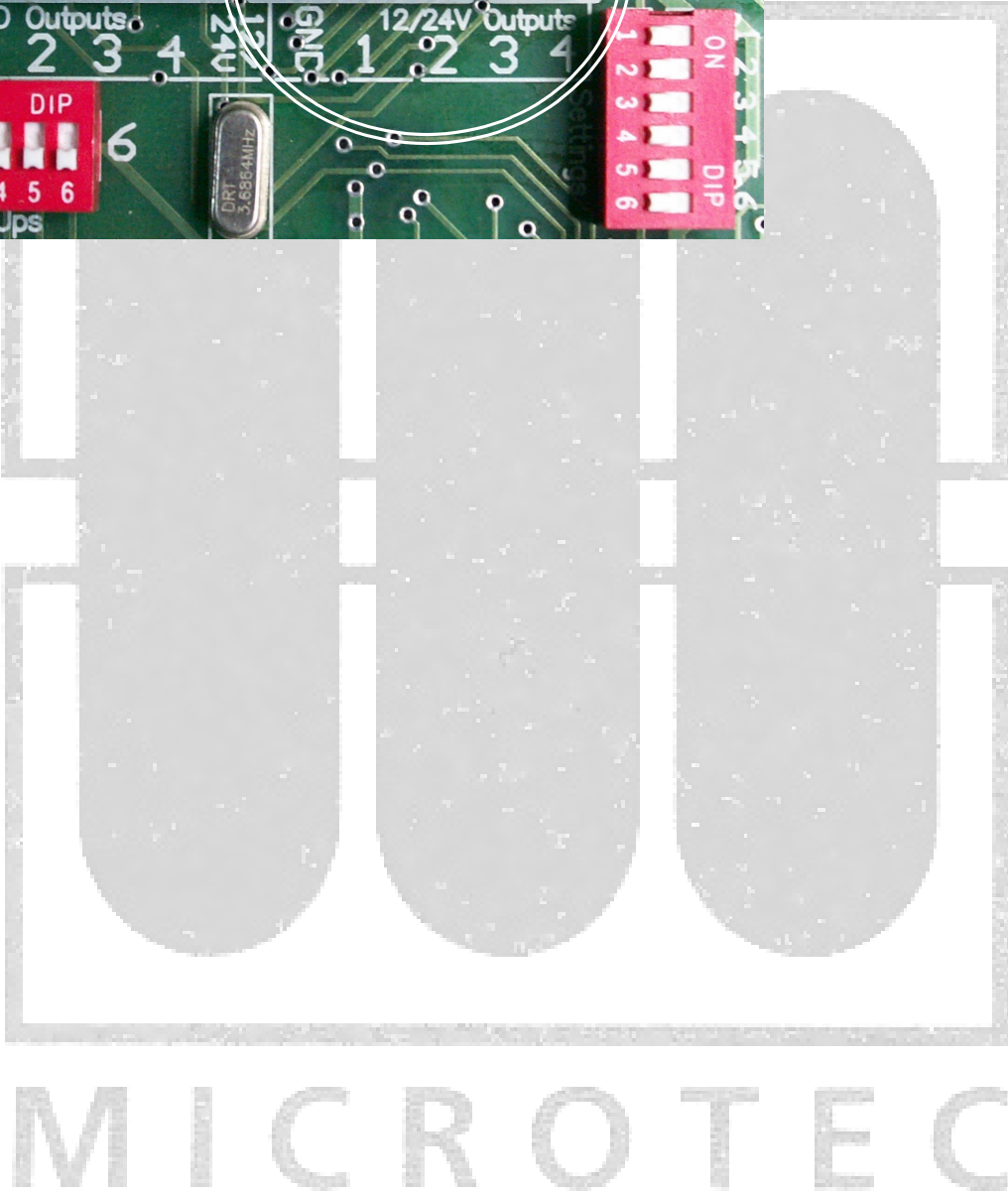
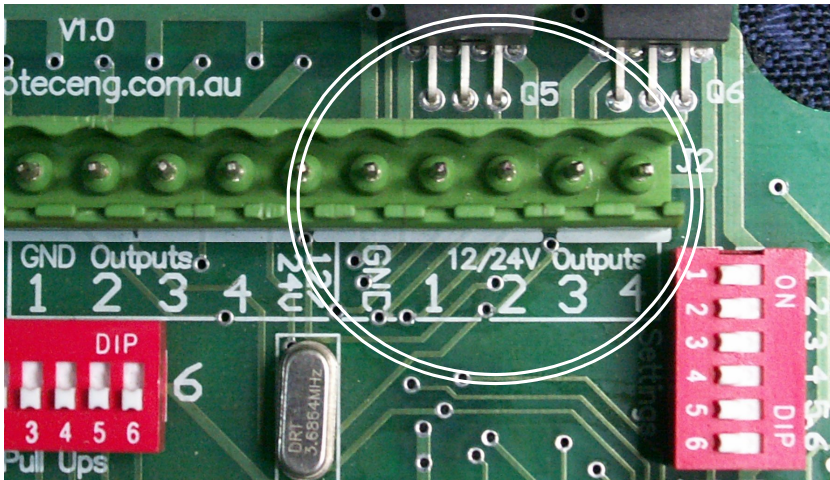
Strip each wire to expose the copper and crimp ferrules onto the bare ends. Trim excess copper from the ferrule ends before terminating in accordance with the following table.

**Unused wires from the light fitting must be insulated to prevent accidental connection to each other or external conductive objects.**

Light Control Module Output connection No. <i>Fig 1.</i>	Microtec light unit connection.	Microtec light unit wire colour	Function
GND	Common Terminal	Brown	Supply common
12/24V Outputs 1	Green Terminal	Green	Green lamp
12/24V Outputs 2	Yellow Terminal	Yellow	Yellow Lamp
12/24V Outputs 3	Red Terminal	Red	Red Lamp
12/24V Outputs 4	Buzzer Terminal	White	Buzzer

For details on Input wiring and programming see the Microtec Light Activation Box Overview leaflet.

*Fig 1*



## Connections to large Microtec LED Light (with internal buzzer)

### Microtec Light Control Module MkII

Connecting a large Microtec LED light to a Microtec Light Control Module Mk II:

Route wires from the light fitting to the Light Control Module, 5 or 7 core "trailer" cable is ideal for this.

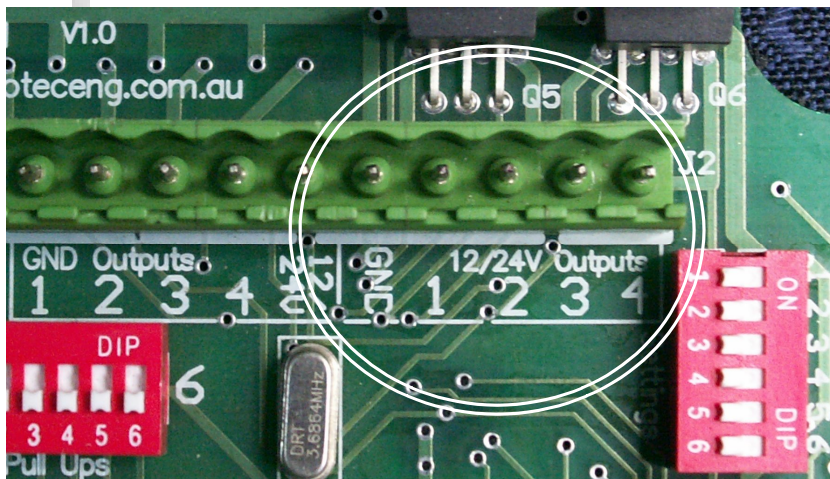
Strip each wire to expose the copper and crimp ferrules onto the bare ends. Trim excess copper from the ferrule ends before terminating in accordance with the following table.

**Unused wires from the light fitting must be insulated to prevent accidental connection to each other or external conductive objects.**

Light Control Module Output connection No. <i>Fig 1.</i>	Microtec light unit connection.	Microtec light unit wire colour	Function
GND	Common Terminal	Brown	Supply common
12/24V Outputs 1	Green Terminal	Green	Green lamp
12/24V Outputs 2	Yellow Terminal	Yellow	Yellow Lamp
12/24V Outputs 3	Red Terminal	Red	Red Lamp
12/24V Outputs 4	Buzzer Terminal	White	Buzzer

For details on Input wiring and programming see the Microtec Light Control Module MkII Overview leaflet.

*Fig 1*



# Connections to Robway LED Light (with external buzzer)

## Microtec Light Control Module MkII

Connecting a Robway LED light to a Microtec Light Control Module Mk II:

Route wires from the light fitting to the Light Control Module. A separate pair of wires will also be needed for the feed to the buzzer.

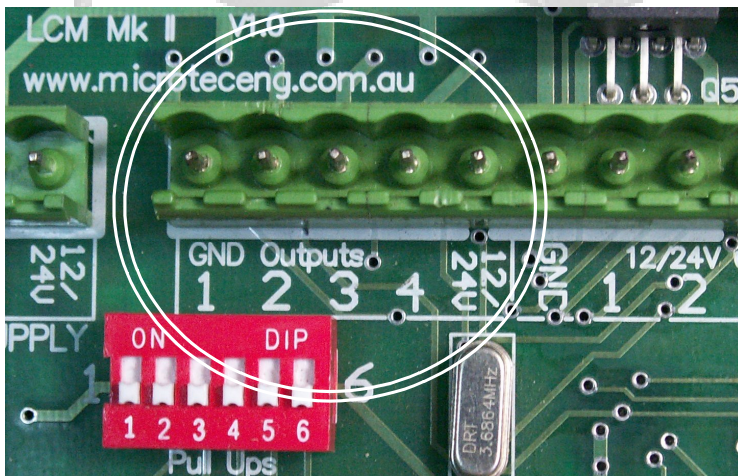
Strip each wire to expose the copper and crimp ferrules onto the bare ends. Trim excess copper from the ferrule ends before terminating in accordance with the following table.

**Unused wires from the light fitting must be insulated to prevent accidental connection to each other or external conductive objects.**

Light Control Module Output connection No. <i>Fig 1.</i>	Robway light unit (with external buzzer) wire colours.	Function
12/24V	White Wire & Buzzer (Red)	Supply 24V
GND Outputs 1	Green Wire	Green lamp
GND Outputs 2	Yellow Wire	Yellow Lamp
GND Outputs 3	Red Wire	Red Lamp
GND Outputs 4	Buzzer (Black)	Buzzer

For details on Input wiring and programming see the Microtec Light Control Module MkII Overview leaflet.

Fig 1



# Connections to KJSB-3\*\*-RAG (with internal buzzer)

## Microtec Light Control Module MkII

Connecting a KJSB light to a Microtec Light Control Module Mk II:

**Ensure that your KJS light unit is the correct voltage for your system.**

*(KJSB-301 =12V KJSB-302 =24V)*

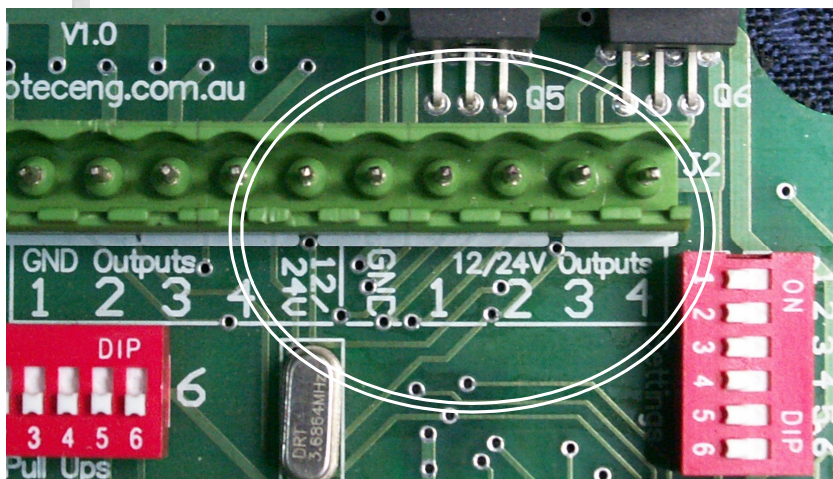
Route wires from the light fitting to the Light Control Module.  
Strip each wire to expose the copper and crimp ferrules onto the bare ends. Trim excess copper from the ferrule ends before terminating in accordance with the following table.

**Unused wires from the light fitting must be insulated to prevent accidental connection to each other or external conductive objects.**

Light Control Module Output connection No. <i>Fig 1.</i>	KJSB light unit wire colours.	Function
GND	Black	GND
GND	Brown	Common
+12/24V	White	Supply 12/24V
12/24V Outputs 1	Blue Wire	Green lamp
12/24V Outputs 2	Yellow Wire	Yellow Lamp
12/24V Outputs 3	Red Wire	Red Lamp
12/24V Outputs 4	Grey	Buzzer

For details on Input wiring and programming see the Microtec Light Control Module MkII Overview leaflet.

*Fig 1*



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## Connections to WME-A (with external buzzer)

### Microtec Light Control Module MkII

Connecting a WME-A light to a Microtec Light Control Module Mk II:

Route wires from the light fitting to the Light Control Module. A separate pair of wires will also be needed for the feed to an external buzzer.

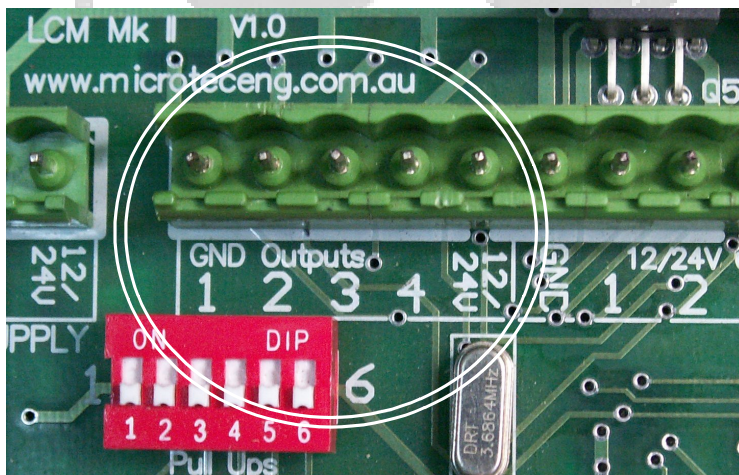
Strip each wire to expose the copper and crimp ferrules onto the bare ends. Trim excess copper from the ferrule ends before terminating in accordance with the following table.

**Unused wires from the light fitting must be insulated to prevent accidental connection to each other or external conductive objects.**

Light Control Module Output connection No. <i>Fig 1.</i>	WME-A light unit wire colours.	Function
12/24V	Yellow <b>Buzzer (Red)</b>	Supply 24V
GND Outputs 1	Green Wire	Green lamp
GND Outputs 2	Orange Wire	Orange Lamp
GND Outputs 3	Red Wire	Red Lamp
GND Outputs 4	<b>Buzzer (Black)</b>	Buzzer

For details on Input wiring and programming see the Microtec Light Control Module MkII Overview leaflet.

*Fig 1*



# Connections to “Common Ground” WME-A (with external buzzer)

## Microtec Light Control Module MkII

Connecting a Common Ground WME-A light to a Microtec Light Control Module Mk II:

Route wires from the light fitting to the Light Control Module. A separate pair of wires will also be needed for the feed to an external buzzer.

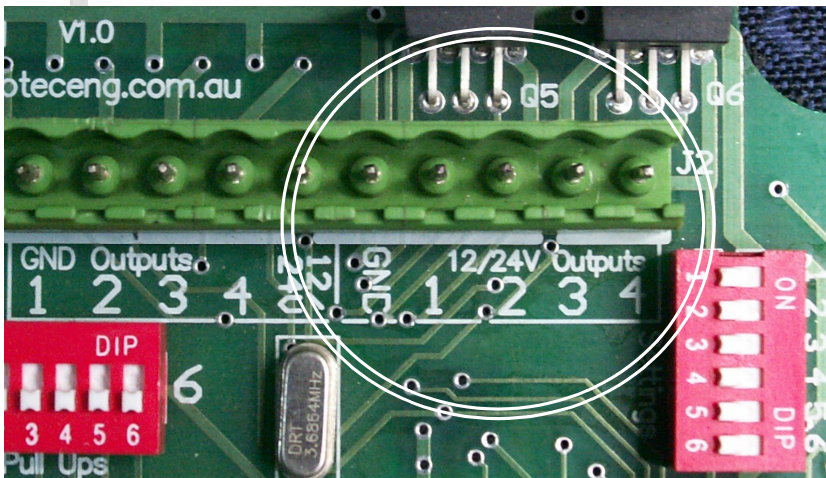
Strip each wire to expose the copper and crimp ferrules onto the bare ends. Trim excess copper from the ferrule ends before terminating in accordance with the following table.

**Unused wires from the light fitting must be insulated to prevent accidental connection to each other or external conductive objects.**

Light Control Module Output connection No. <i>Fig 1.</i>	WME-A light unit wire colours.	Function
GND	Yellow <b>Buzzer (Black)</b>	Supply 24V
12/24V Outputs 1	Green Wire	Green lamp
12/24V Outputs 2	Orange Wire	Orange Lamp
12/24V Outputs 3	Red Wire	Red Lamp
12/24V Outputs 4	<b>Buzzer (Red)</b>	Buzzer

For details on Input wiring and programming see the Microtec Light Control Module MkII Overview leaflet.

*Fig 1*



## Connections to WME-AFB (with internal buzzer)

### Microtec Light Control Module MkII

Connecting a WME-AFB light to a Microtec Light Control Module Mk II:

Route wires from the light fitting to the Light Control Module.  
Strip each wire to expose the copper and crimp ferrules onto the bare ends. Trim excess copper from the ferrule ends before terminating in accordance with the following table.

**Unused wires from the light fitting must be insulated to prevent accidental connection to each other or external conductive objects.**

Light Activation Box Output connection No. <i>Fig 1.</i>	WME-AFB light unit wire colours.	Function
Gnd	Grey	GND
+24V	Yellow	Supply 24V
GND Outputs 1	Green Wire	Green lamp
GND Outputs 2	Orange Wire	Orange Lamp
GND Outputs 3	Red Wire	Red Lamp
GND Outputs 4	Sky Blue	Buzzer

For details on Input wiring and programming see the Microtec Light Control Module MkII Overview leaflet.

*Fig 1*

