GTR131
Smart Wi-Fi Opener

RICHMOND ROLLING SOLUTIONS

SmartR Home

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GTR131 SMART WI-FI OPENER IS COMPATIBLE WITH THE FOLLOWING RICHMOND MOTORS:

SLIDING / CANTILEVER MOTORS		
GTR156 & GTR212	GTR061 & GTR207	GTR510
SWING MOTORS		
GTR099	GTR058	GTR062 & GTR078
GTR500 & GTR501		GTR502 & GTR503

This device is also compatible with a large range of other manufacturers gate / garage openers

TECHNICAL SPECS:

- Requires 2.4 GHz Wi-Fi range to the installation location.
- Operating Platforms: Android / iOS supported.
- Power Supply: 12-24vDC / 12-24vAC
- Wi-Fi: 2.4gHz 802.11 b/g/n
- IP30 rating. Use a weatherproof enclosure outdoors.
- Current draw: 20mA (standby) 50mA (active)
- Relay output: NO (normally open)
- Sensor input: NO (normally open)
- Operating temperature: -10°C to 50°C
- Material: ABS – Weight 42g
- Dimensions: 90mm x 4mm x 25mm
- Connection Cables: 500mm each
- 2 x Power (Red/Black)
- 2 x N/O Output (White/Blue)
- 2 x Sensor Input (Green/Yellow)
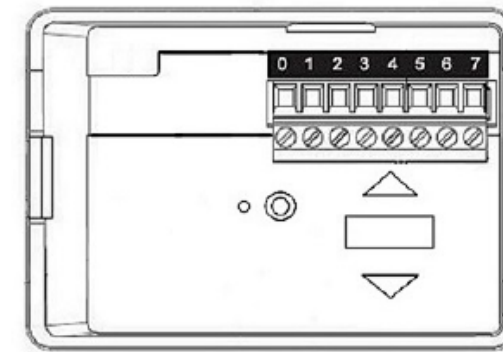

WIRE COLOURS AND FUNCTION

POWER		OUTPUT RELAY (Push Button or O/S/C Circuit)		SENSOR INPUT	
Red	12-24vDC+ or 12-24vAC	White	COM (Push button)	Green	Sensor Input 1
Black	12-24vDC- or 12-24vAC	Blue	O/S/C (Push button)	Yellow	Sensor Input 2

CONNECTING THE GTR131 TO A NON-RICHMOND OPENER

To the right is an example of how the GTR131 Smart Wi-Fi Opener will wire into a non-Richmond opener.

1. To power the Smart Wi-Fi Opener, you will need a 12-volt or 24-volt AC or DC power supply.
   In the example below, this is sourced via Terminals 0 and 1

2. To operate the gate / garage opener, the Smart Wi-Fi Opener will need to connect into the PC board.
   Most residential openers will have an input for an external push button. In the example below, terminals 2 & 5 are used for the push button. This will be the input for your Smart Wi-Fi Opener.

CONNECTION

GTR131 Red into Terminal 1 (24vDC+)

GTR131 Black into Terminal 0 (24vDC-)

GTR131 White into Terminal 5 (COM)

GTR131 Blue into Terminal 2 (O/S/C)

GATE/GARAGE AUTOMATED OPENER TERMINALS		
Terminal	Function	Description
0	Ground	24 Volt DC Negative
1	24vDC+	24 Volt DC Positive
2	O/S/C or Open	Dry Contact (Open/Stop/Close)
3	Stop	Dry Contact (Close)
4	Close	Dry Contact (Stop)
5	COM	Dry Contact Common Terminal
6		Not used
7		Not used

FURTHER ASSISTANCE

For further product information and assistance please contact your closest Richmond Rolling Solutions branch. You can also check out the Richmond youtube channel for more videos on how to get more out of your SmartR App and devices.

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richmondau.com