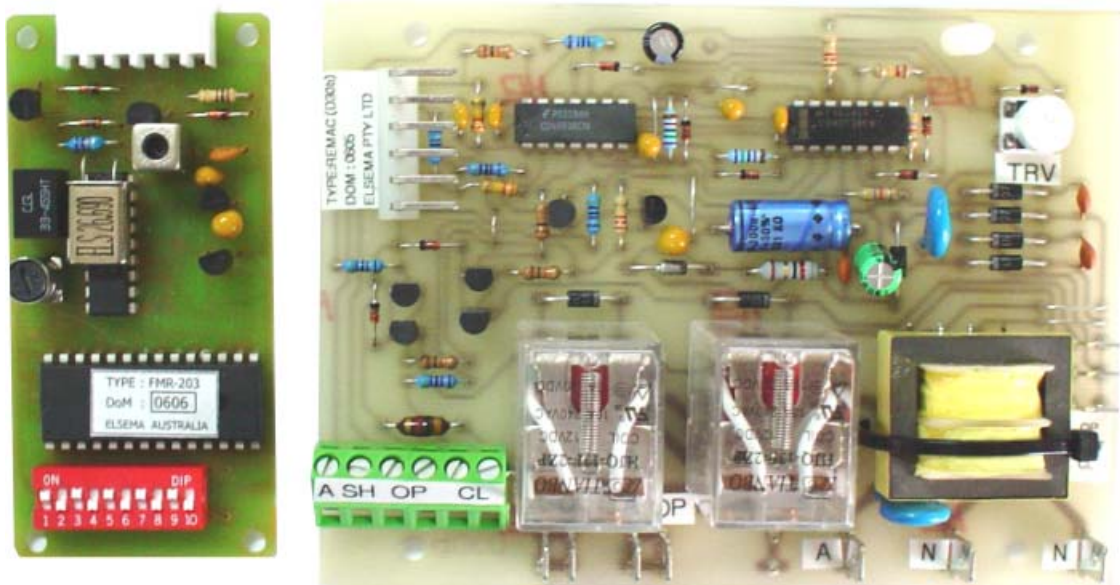


REMAC-5 Remote Actuator Control

The REMAC-5 is designed as a push button or remote control unit where forward and reverse motion is required.

The REMAC-5 card is used to control winches, car / boat storage hoists that have 240VAC motor.

It has the option of limit switch inputs. If the limit switches are used then a track has to be cut. Refer to the wiring diagram.



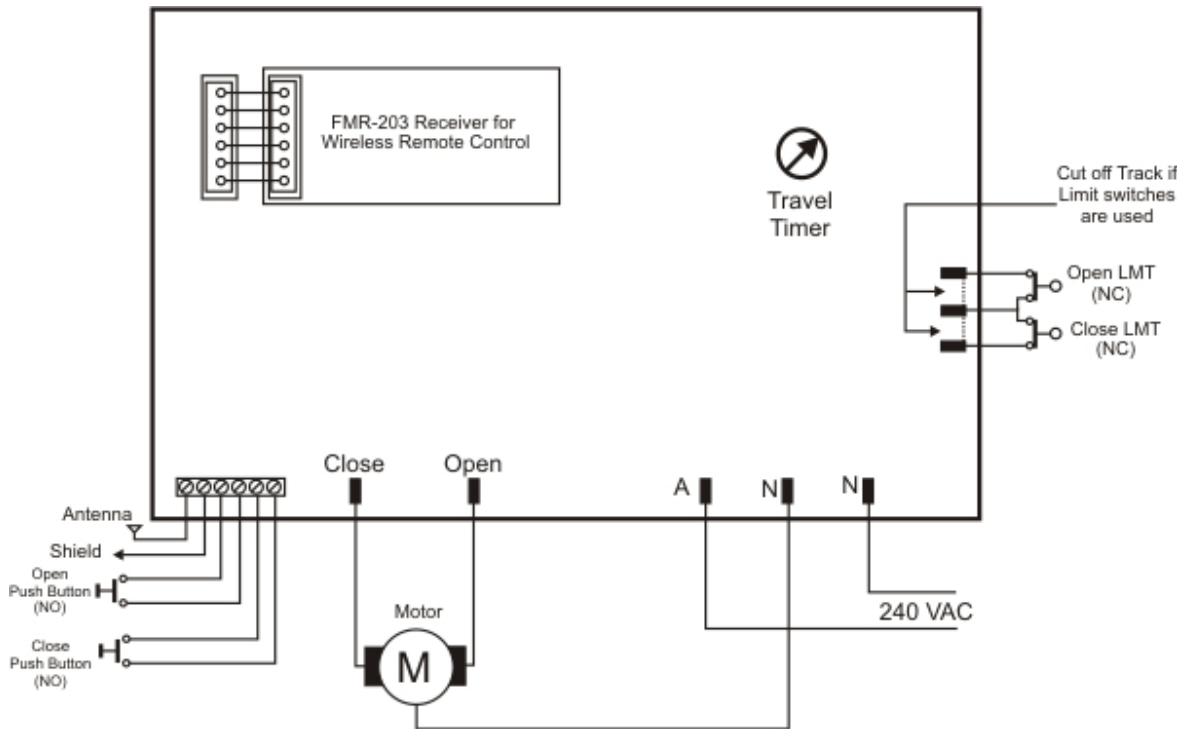
The REMAC-5 has dedicated channels for open or close action i.e. pressing channel 1, door opens, release transmitter and the door stops. If further opening is required press channel 1 again. Closing is done in a similar action using channel 2.

Power to the Remac-5 is 240VAC. On-board transformer supplies current to control board and receiver.

Opening and Closing Push Buttons can also be wired into terminals provided.

WIRING AND INSTALLATION INSTRUCTIONS

Care should be taken not to cross printed circuit board with 240V wires over or under the board. This would induce spikes onto the sensitive circuitry of the printed circuit board.



Wiring Connections

Power

Connect 240VAC to the 6.3mm connector tabs marked A (for Active) and N (for Neutral).

Motors

Motors should be rated for 240 VAC 10A. The motor should have three wires, i.e. two actives and one neutral. One active is for opening and the other is for closing.

For 12VDC or 24VDC motor operation contact Elsema.

Push Button Input

Push button is a normally open contact. When pressed it will start the opening, when released it will stop and when close button is pressed it will start closing and when released it will stop. These push buttons should be waterproof for internal and external use. Waterproofing will prevent false activations, which normally occurs due to moisture inside the button.

Antenna

The antenna connection is used to connect an antenna for the plug in FMR-203. The antenna can be a 50 ohms 27 MHz CB-Antenna or piece of approximately 1 metre of wire.

Limit Switches

The limit switches are normally closed. To use limit switches tracks have to be cut on the bottom side of the PCB (see wiring diagram) and wire to relevant limit switches. Low voltage wiring (24V) can be used for the limit switches.

Remote Control

Remote control is achieved by inserting Elsema's FMR-203. Power to the REMAC-5 printed circuit board should be switched off during the installation of a receiver. The transmitter is a FMT-302. The transmitter (FMT-302) will have dedicated channels for opening and closing action i.e. Channel 1 when pressed will open the door and when released, will stop. If further opening is required the channel 1 is pressed again. Closing is done in a similar manner using channel 2.

Dimensions

130 X 95 mm