

# **Dual Override Installation Instructions**



## **DESCRIPTION OF SYSTEM**

The dual override system is suitable for overriding automatic operation of your garage door by either manually disengaging the drive mechanism or electrically functioning the mechanism.

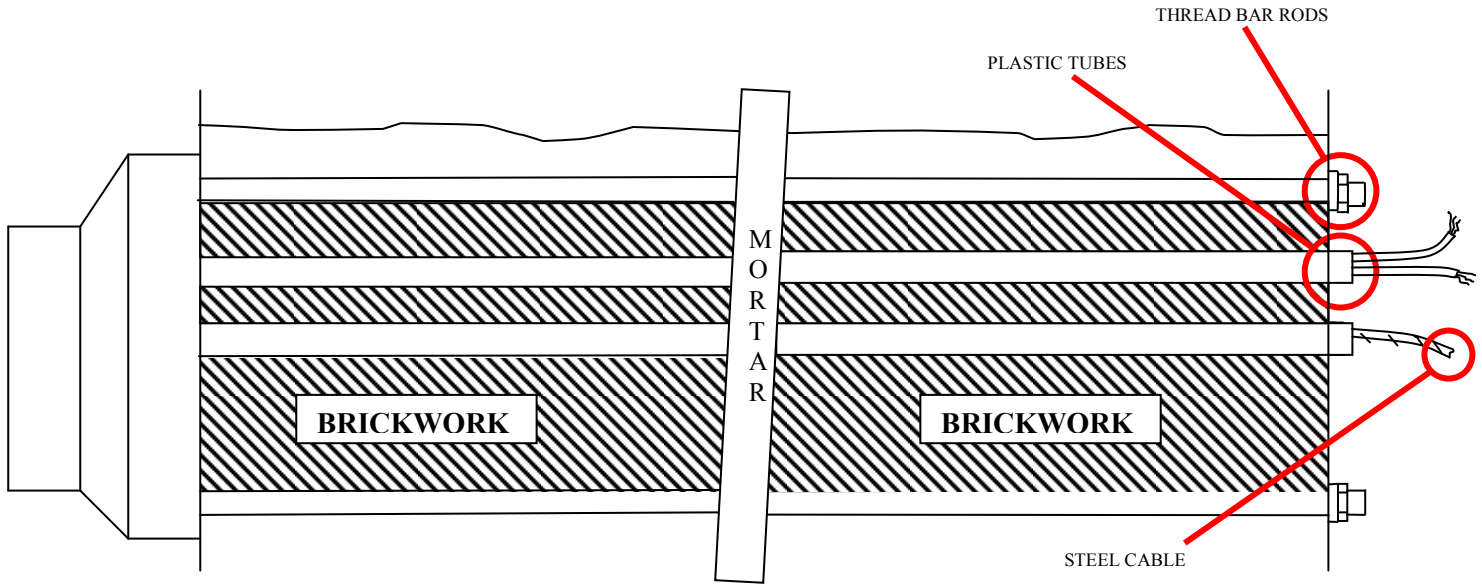
The system may be installed on brickwork, wood and steel fascia up to a maximum of 250mm in thickness. A extended thread bar is available for materials of an increased thickness.

## **PARTS**

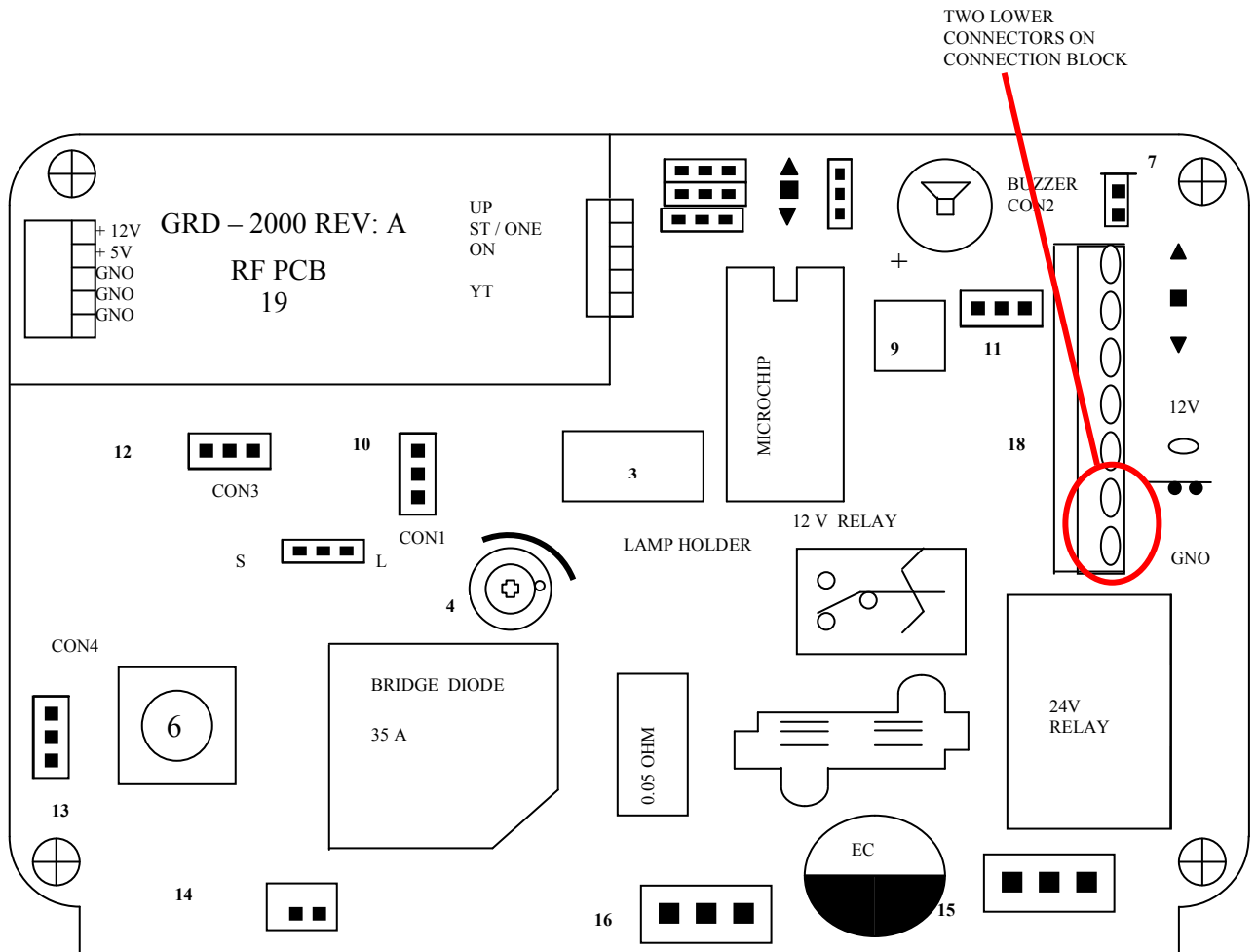
- 1 x dual override mounting block
- 1 x back plate
- 2 x thread bar rods
- 2 x plastic tubes
- 2 x spring washers
- 2 x nuts
- 1 x copper grommet (in plastic packet)
- 1 x steel insert (in plastic packet)

## **INSTALLATION**

1. Before installation ensure that the red pin handle on the side of the motor is in the vertical position, this will allow the cable to pull from the top of the pin. If the pin handle is in the horizontal position, remove 4 retaining screws, turn handle 90° then refix.
2. The steel back plate should be used as a drilling jig to align the 4 holes for the 2 rods and 2 tubes to pass through the vertical mortar course between the bricks (mortar is preferable due to the ease of drilling and later filling should the dual override need to be removed). Ensure that the three holes in the back plate are placed uppermost in a vertical position. Refer to diagram 1.
3. Where the brickwork is less than the maximum 250mm, the excess length of screwed rod and plastic tubes may be cut down to suit after an allowance is made for attaching the items to the back of the switch.
4. Feed the steel cable and the electrical wire separately through each plastic tube and screw the tubes into the back of the switch unit. Screw the thread bar rods into the unit.
5. Feed the thread bar rods and tubes through the mortar and use the backing plate and nuts and washers to secure.
6. Attach both wires from the dual override to the lower two connectors on the connection block on right side of the PC board in the control box. Refer to diagram 2.
7. Feed steel cable through the steel insert and fit insert on to the end of the corresponding plastic tube.
8. Feed steel cable through copper grommet, and then feed cable through red pin handle then back through grommet and nip grommet tight. Allow maximum length of cable to hang free.



**Diagram 1. Cross section of dual override through brickwork.**



**Diagram 2. P C board showing location of dual override wires.**