AlluGuard
Quality Garage Doors
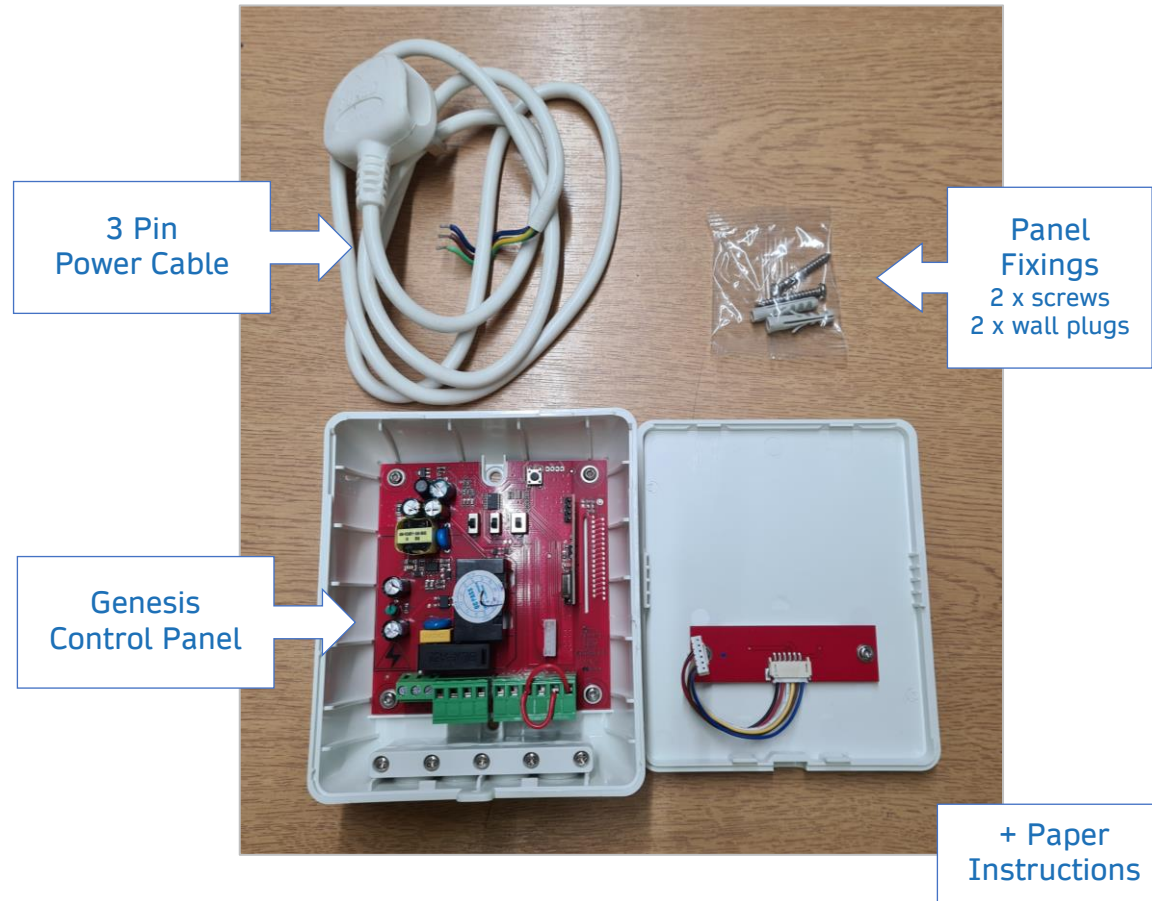
Genesis Control Unit

Easy Set-up Guide

Looking for a Quick Set-up Guide?

- There is lots of useful information in this guide, but if all you are after is quick set up look for the following headings:

    - Mounting the control………………………………. **p5**
    - Wiring the power cable…………………………. **p10**
    - Wiring the motor …………………………………… **p13**

AlluGuard
Quality Garage Doors

www.alluguard.co.uk

What's in the Box?

3 Pin
Power Cable

Panel
Fixings
2 x screws
2 x wall plugs

Genesis
Control Panel

+ Paper
Instructions

AlluGuard
Quality Garage Doors

www.alluguard.co.uk

Mounting the Control

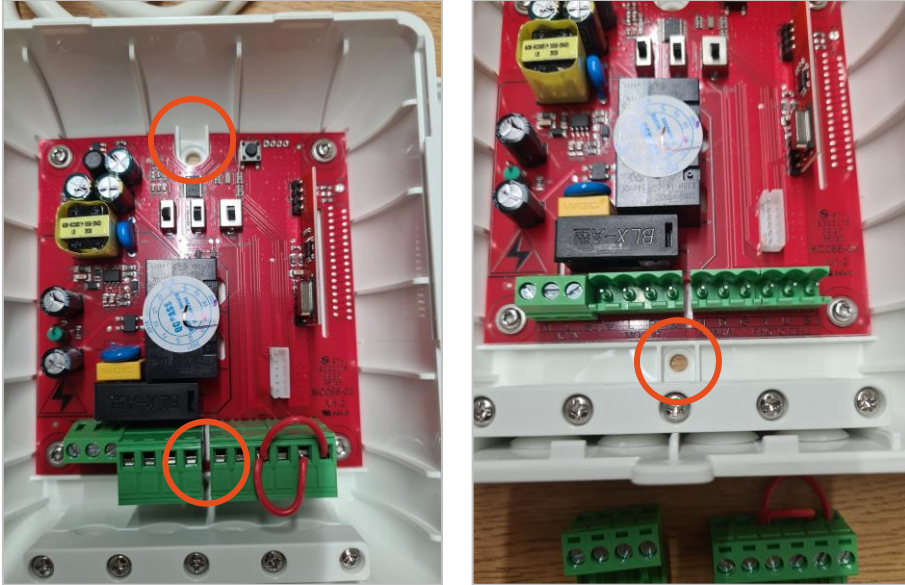Remove Genesis control panel cover by pushing the cover up.

⚠ Ensure there is no fixing in the bottom holding the cover on.

Once the case can be lifted, carefully remove the wiring from the cover of the control board.
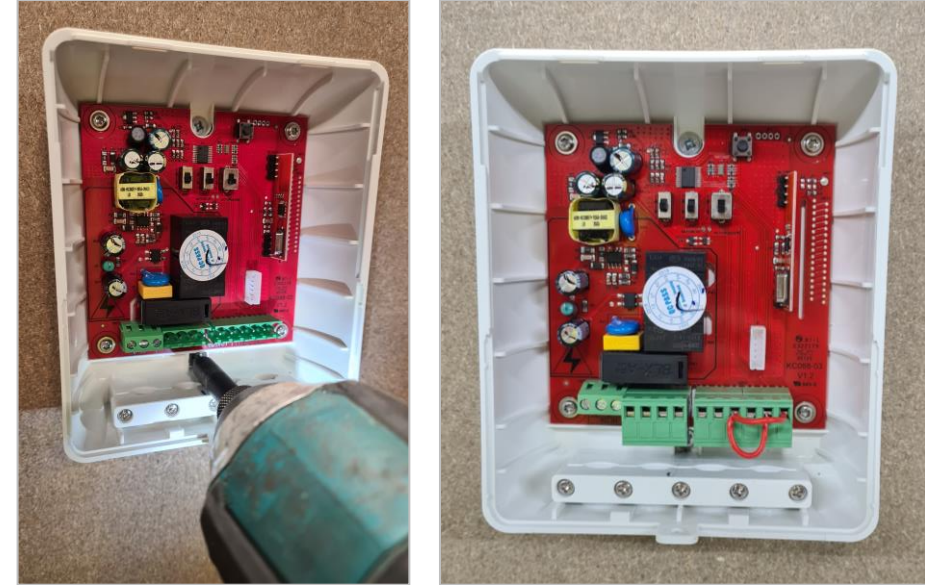
Unplug the cable from the side of the board.

AlluGuard Quality Garage Doors

Mounting the Control

Fixing locations can be found in the circled locations.

To access the bottom fixings, remove the terminal block from the circuit board by carefully pulling it out.

Fix the panel to the wall with the fixings supplied or any other fixing if you require.

Re-fit the terminal blocks you removed.

AlluGuard
*Quality Garage Doors*

www.alluguard.co.uk

Knowing Your Way Around

1. Programming button

2. Dipswitches (Up = "on", Down = "off")
   - Switch 2   Reverse direction of lid buttons
   - Switch 3   Reverse direction of motor
   - Switch 7   **Must** be set to "on"

3. Control panel cover connection

4. Photocell & manual terminal block

5. Motor terminal block

6. Mains supply terminal block
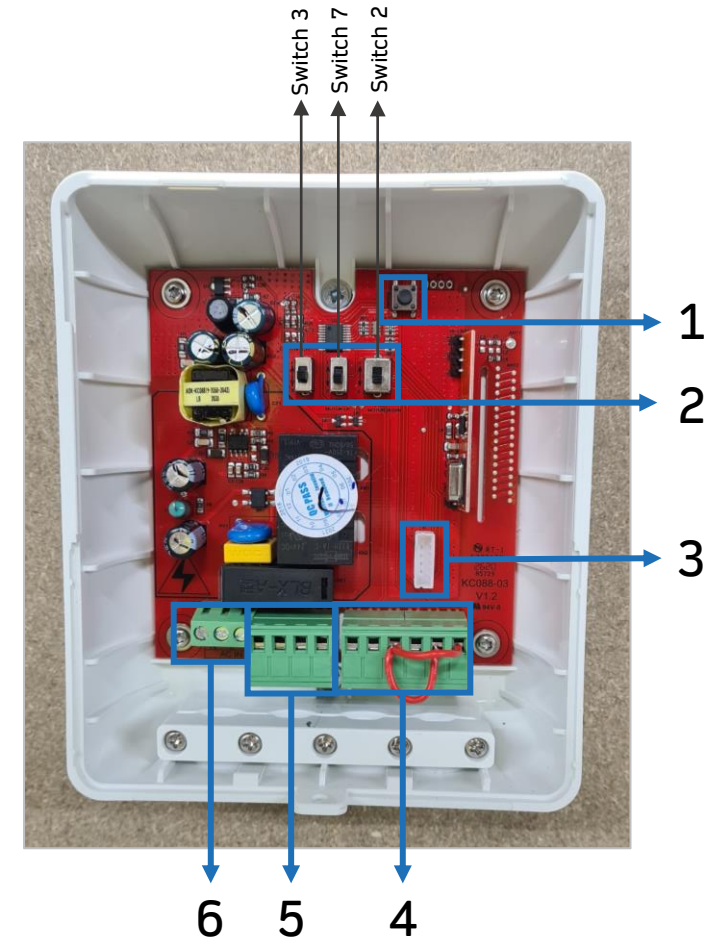
Wiring the Power Cable

- Remove the cable clamp to allow installation of the cable.

- Install the power cable into the **mains supply terminal block**.

Earth
Live
Neutral
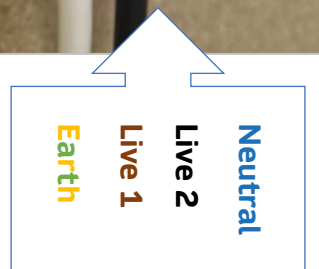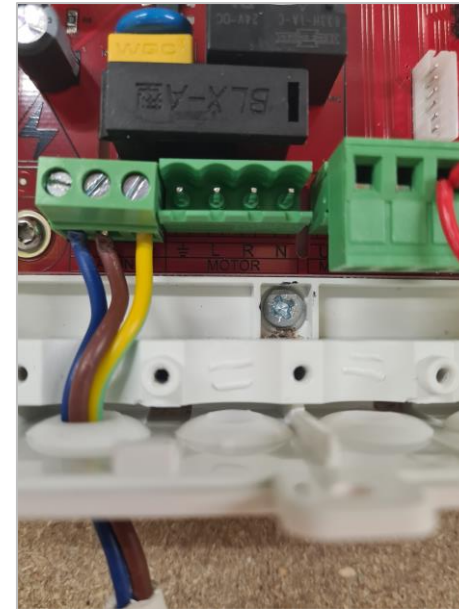
AlluGuard
Quality Garage Doors

www.alluguard.co.uk
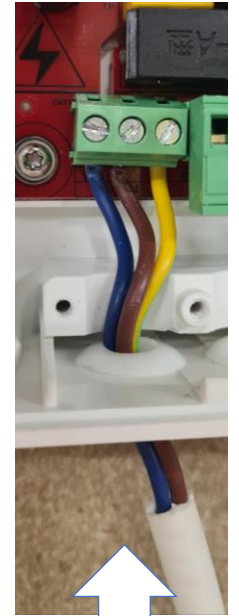
Wiring the Motor

- Remove the cable clamp to allow installation of the motor power cable.

- Install the power cable into the **motor terminal block**.

Neutral
Live 2
Live 1
Earth

AlluGuard
Quality Garage Doors

www.alluguard.co.uk

Wiring A Key Switch or Rocker Switch
(Volt free switch)

- Remove the cable clamp to allow installation of the key or rocker switch.

- Remove the green terminal block.

- Connect 3 wires to the U,D,G (up, down and common).

- Wire these cables back to your switch. (see pages 12-13)

- Fit cable clamp to secure the cable.

Earth
Live 1
Neutral

The cables used are purely an example of the colour of wires that can be used, this is a volt free switch system.

AlluGuard
Quality Garage Doors

Wiring the Key Switch
(volt-free switch)

- Remove the insides of the key switch and punch the access hole out with a screwdriver.

- Clean the hole, add the stuffing gland and pull the cable through.

- Using 3 wires, connect to one side of the switch (Up, down and common).

- Ensure the cables are clear and seat the switch inside the housing.

- Slide the location plate in place and using the key, slide the front cover into place and secure it with the screw.

Earth

Neutral

Live 1

The cables used are purely an example of the colour of wires that can be used as this is a volt free switch system

AlluGuard
Quality Garage Doors

www.alluguard.co.uk

Wiring the Rocker Switch
(Volt free switch)

- Lift the black tabs and insert cables.

- Press the tab down to secure the cable into place.

- Using 3 wires, connect to one side of the switch (Up, common and down)

- Ensure the cables are clear and seat the switch on the back box with screws supplied.

- Push the switch through the back of the wall plate and secure with the outer square with the somfy logo at the bottom

- Follow page 12 for instructions on how to connect to the control unit.

Earth

Neutral

Live 1
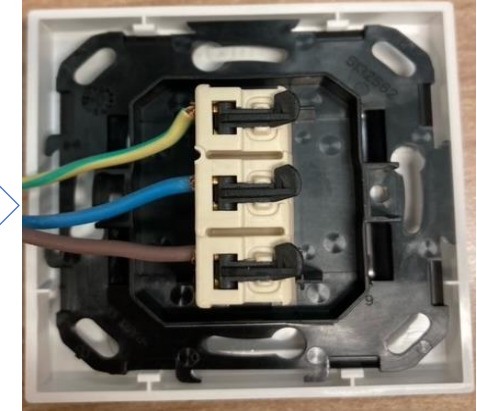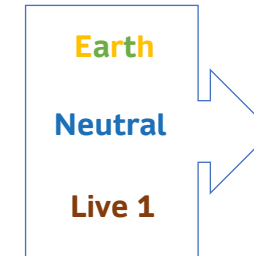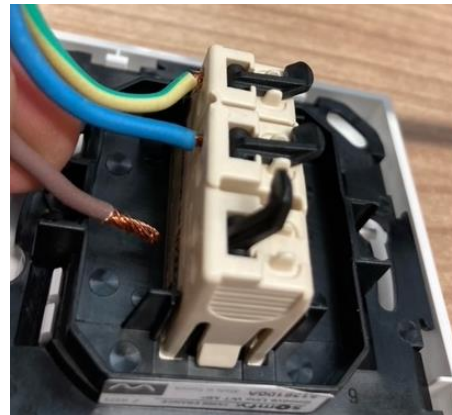

* The cables used are purely an example of the colour of wires that can used as this is a volt-free switch system

AlluGuard
Quality Garage Doors

Wiring Diagrams

On Off	SW 2	Reverse Direction of Lid Buttons
	SW 3	Reverse Direction of Motor
	SW 6	Transmitter Program Button
	SW 7	On = Impulse Up / Deadman Down

117

139

To open case:
Remove fixing screw
'A' and slide case
upwards

Up
Stop
Down

Power   Signal

38

'A'

Ensure DIP Sw7 is
set in the up position

SW 6

on
off

SW 3 SW 7 SW 2

N L ⏚ ⏚ L R N   U D G V U S
AC IN   MOTOR   MANUAL I PHOTOCELL
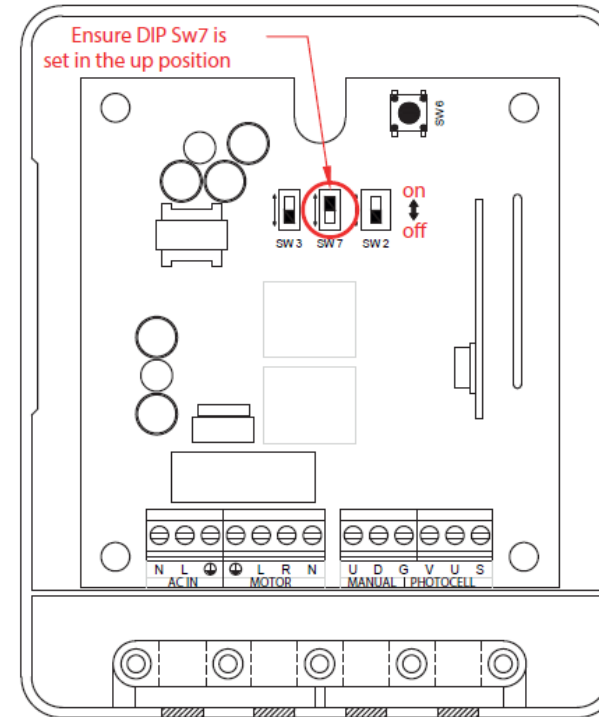
Specification	
Power Supply	200 - 240V AC, 50Hz
Operating Temp	-10 to + 55°C
Frequency	433MHz
Max Transmitters	100
Transmitter Distance	>30m
Max Power	500W

AlluGuard
Quality Garage Doors

Wiring Diagrams

Terminal Connections

Mains Supply	
N	Mains Power 230v AC (Neutral)
L	Mains Power 230v AC (Live)
⏚	Mains Power (Earth)
Motor	
⏚	Motor Earth
L	Motor Direction (230V)
R	Motor Direction (230V)
N	Motor Common (N)
Manual	
U	External connection - Open
D	External connection - Close
Photocell	
G	0V / Switch Common / Photocell Common
V	+24v dc
U	Photocell connection - N/C contact
S	External connection - Stop

Mains Supply Connection

N L ⏚
AC IN
Blue Brown GnYl

*Mains Supply
230v AC 50Hz*

**Recommended
Power Supply
Protection:-
13A fused Spur or
Single Pole MCB
Type 'A'**

230v Tube Motor Connection

⏚ L R N
MOTOR
GnYl Brown Black Blue

*Tube Motor
230v AC 50Hz*

Note
This connection
will supply **230v
AC** and is
specifically for
tube motor
operation

Basic Remote Control Operation With Safety Brake

U D G V U S
MANUAL PHOTOCELL

Link must be
fitted between:
'U' - S as shown

*Safety Brake (N/C)
Switch Connection*

Basic Remote Control Operation

U D G V U S
MANUAL PHOTOCELL

Links must be fitted
between:
'G' - 'U' - S as shown

Ext Key-Switch Connection

U D G V U S
MANUAL PHOTOCELL
Open Close Com

Fit link between
'G' and 'S'

Links must be fitted
between:
'G' - 'U' - S as shown

*External Key
Switch Connection*

Ext Push Button Connection

U D G V U S
MANUAL PHOTOCELL

Open (N/O)
Stop (N/C)
Close (N/O)

*External Key Push
Button Connection*

24v DC Photocell Connection

U D G V U S
MANUAL PHOTOCELL
0v +24v N/C com

Fit link between
'G' and 'S' if
no external
stop button
used

*24v dc Reflective
Photocell*