



Scan for additional information

GTR094 Hard-Wire Push Button with Key



Compatible with the following Richmond motors.		
Sliding / Cantilever Motors		
GTR156 & GTR212 ✓		GTR061 & GTR207 ✓
Swing Motors		
GTR099 ✓	GTR058 ✓	GTR062 & GTR078 ✓
GTR500 & GTR501 ✓		GTR502 & GTR503 ✓

! Compatible with any gate/garage opener that allows a push button function.

Technical Specs:

- **IP54 rating. Suitable for outdoor use.**
- **Product Dimensions: 105mm H x 75mm W x 65mm D (100mm including buttons).**
- **Contact Type: Single NO (normally open) relay. Momentary action switch.**
- **Hard-wired unit (2 core), no batteries required (wire not included).**



GTR126
2-core .03mm accessory cable

GTR220
2-core 1.5mm accessory/power cable

2-core and 5-core Accessories Cable available by the metre.

GTR122
5-core .03mm accessory cable

GTR216
5-core 2.0mm accessory/power cable



The GTR094 Hard-Wire Push Button:

The GTR094 Hard-Wire Push Button is a simple one-touch button for operating your automated gate or garage door. With the additional key lock, the push button can be switched off to limit access when needed.

Manufactured in a weather-proof case, the unit is suitable for use outdoors and easily mount to a wall or post. Multiple push buttons can be used to allow convenient entry and exit from a property.

Use with an automated system

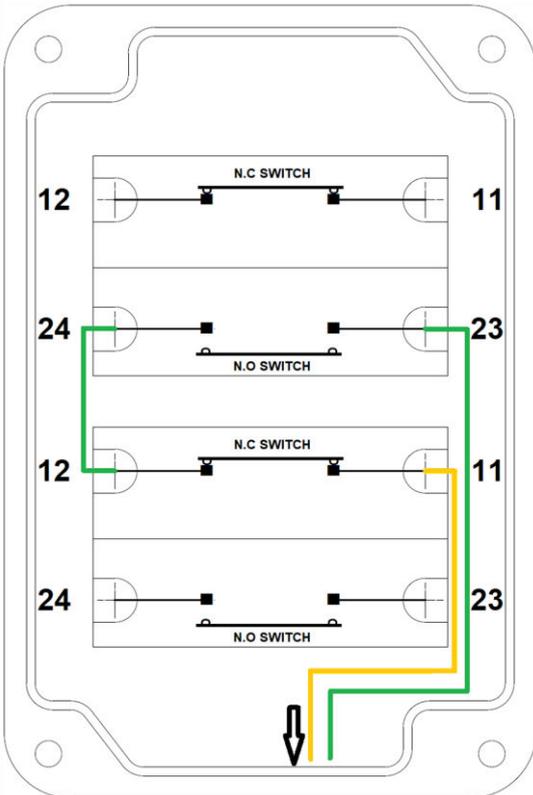
Most automated gate and garage systems will have an auto-close feature that closes the gate/garage after entry/exit. This removes the need to manually close the gate/garage.

If auto-close is not used, the push button will operate the Open, Stop and Close functions with each button press.

Connecting the GTR094 to a Gate or Garage Opener

Below is an example of how the GTR094 hard-wire push button can be wired into a gate or garage opener.

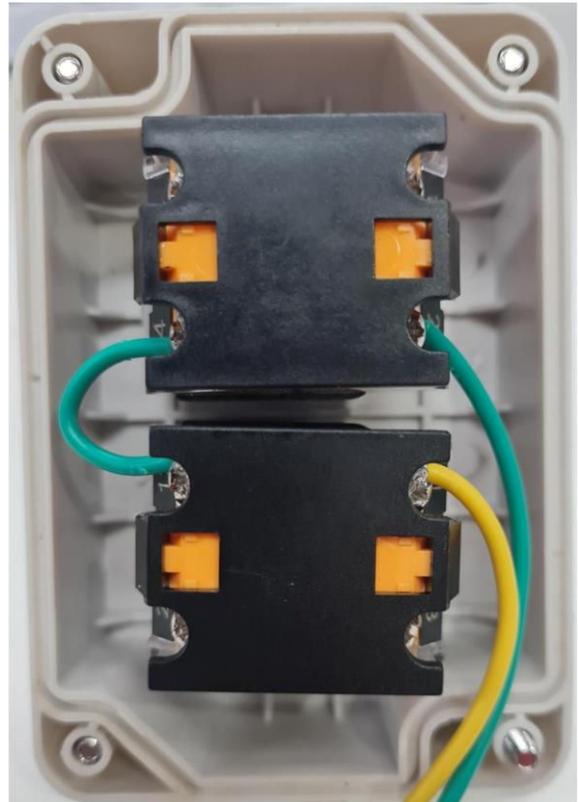
1. Drill a small hole in one of the access ports on the side of the push button.
The hole and cable should always be located on the underside to minimise water getting into the housing.
2. Feed a 2-core cable through the hole and connect a single wire to each terminal as shown below.
The internal switch can be unscrewed and removed for easier connection if required.
*The GTR094 includes a cable gland, but a cable tie around the cable will also stop it being pulled out of the casing.
3. Connect the cable to the push button or entry terminals on your gate or garage opener.
An example has been included below.
4. Multiple push buttons can be fitted so that entry and exit buttons are always conveniently placed.



Wiring Diagram

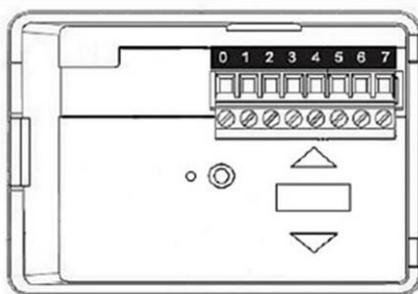
Top Relay:
Push Button

Bottom Relay:
Key Switch



Internal View
(inc. wiring example)

For the sample below, the GTR094 push button would be wired as follows:



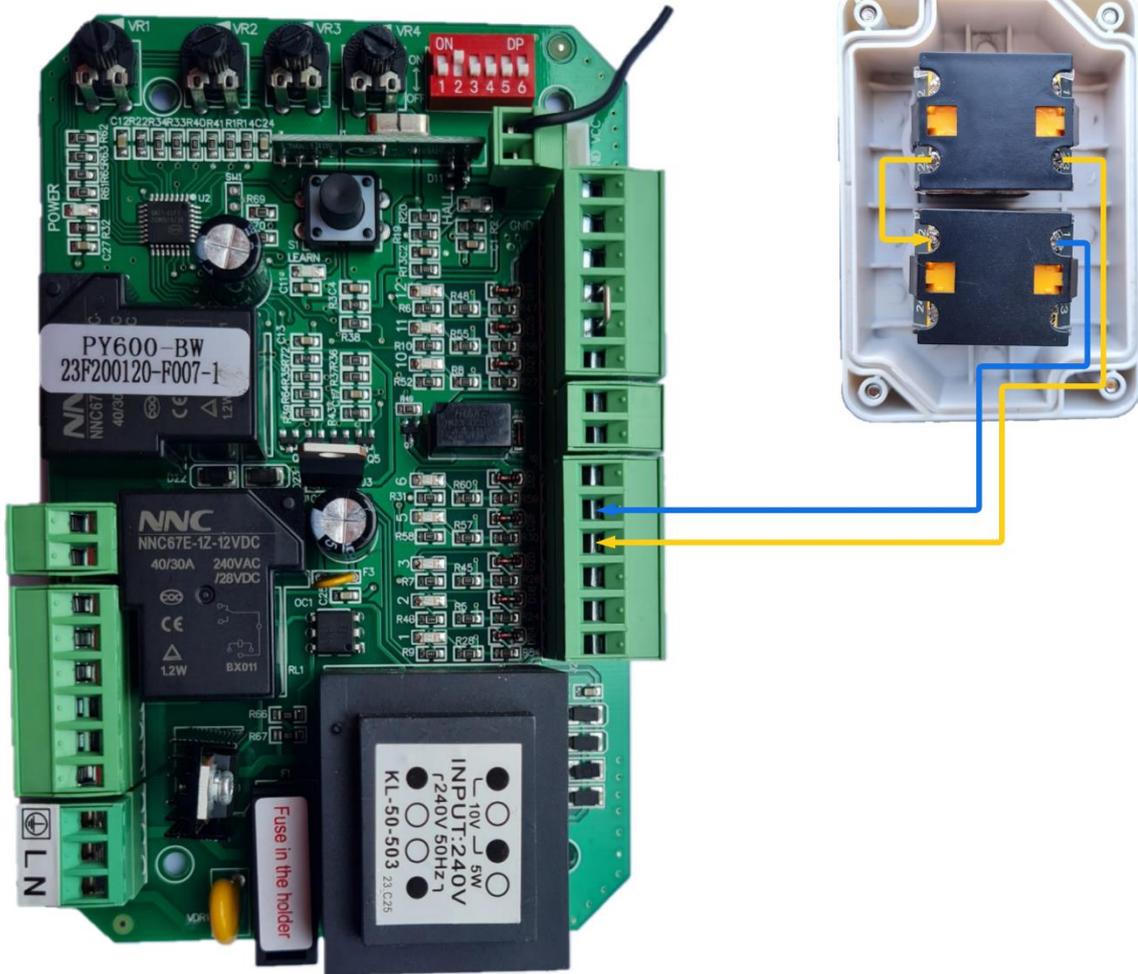
Connection

GTR094 Terminal 23 into Terminal 2 (O/S/C or Open)

GTR094 Terminal 11 into Terminal 5 (COM)

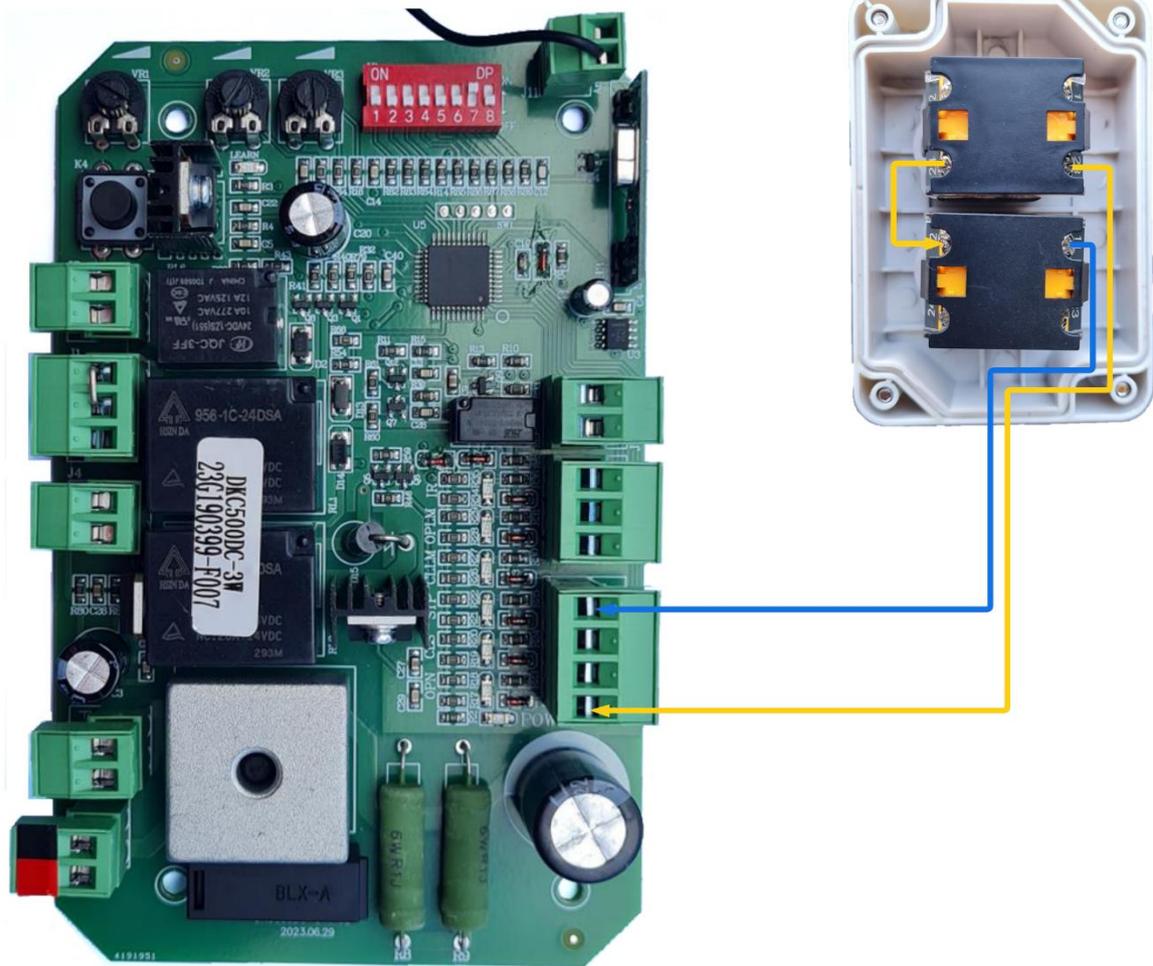
Gate/Garage Automated Opener Terminals		
Terminal	Function	Description
0	Ground	24volt DC Negative
1	24vDC+	24volt DC Positive
2	O/S/C or Open	Dry Contact (Open/Stop/Close)
3	Stop	Dry Contact (Close)
4	Close	Dry Contact (Stop)
5	COM	Dry Contact Common Terminal
6		Not used
7		Not used

GTR156 or GTR212 slide motor connection



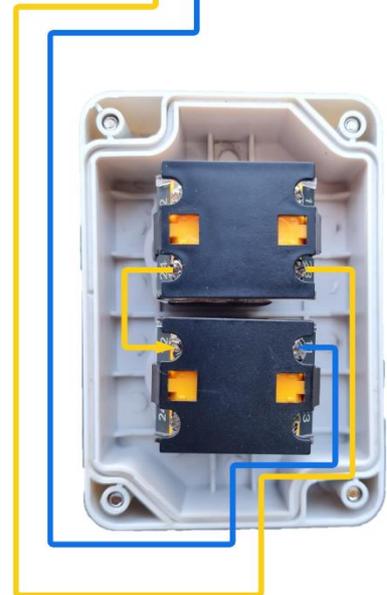
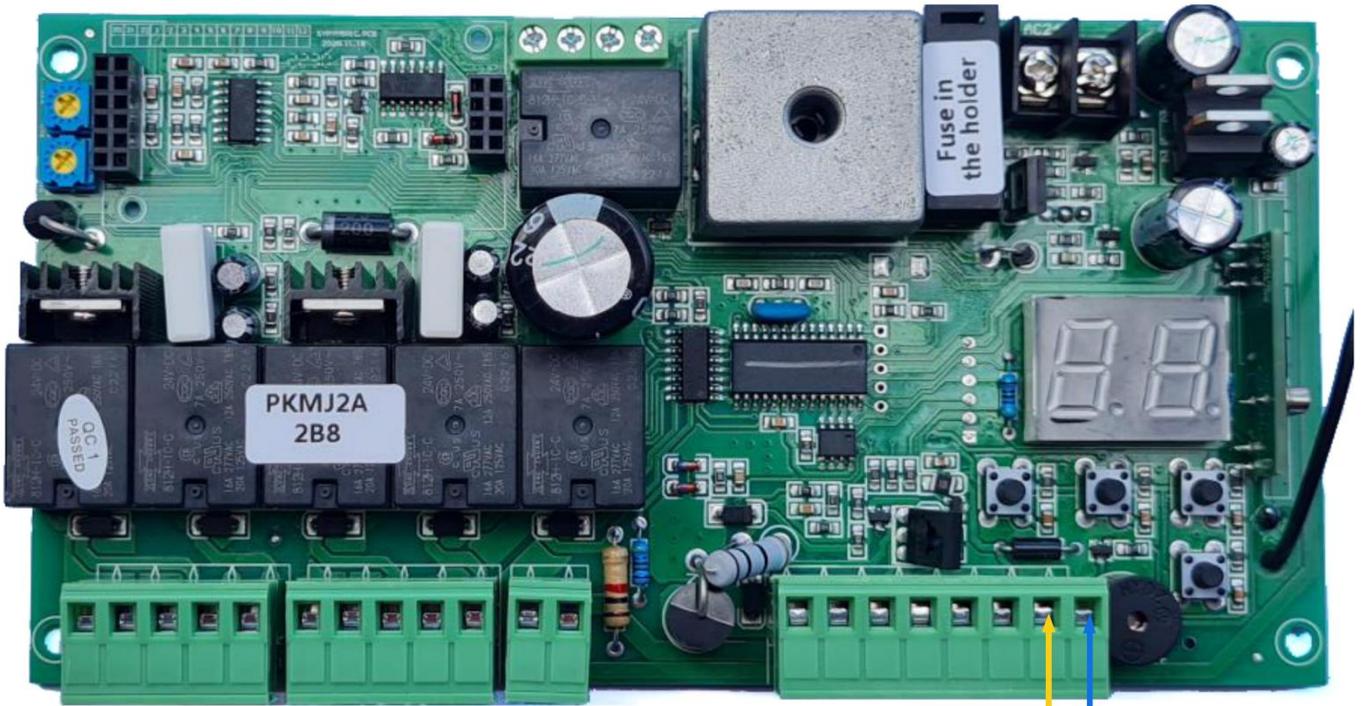
<u>GTR094 Terminal</u>	<u>GTR156/212 terminal</u>
Terminal 23	Terminal 4 (COM)
Terminal 11	Terminal 5 (O/S/C)
Connect Terminal 24 to Terminal 12 inside the push button.	
** No further settings adjustments needed *	

GTR061 or GTR207 slide motor connection



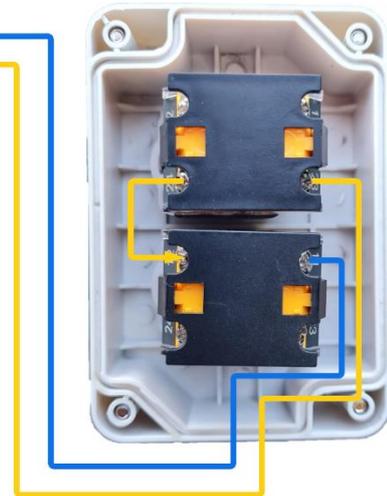
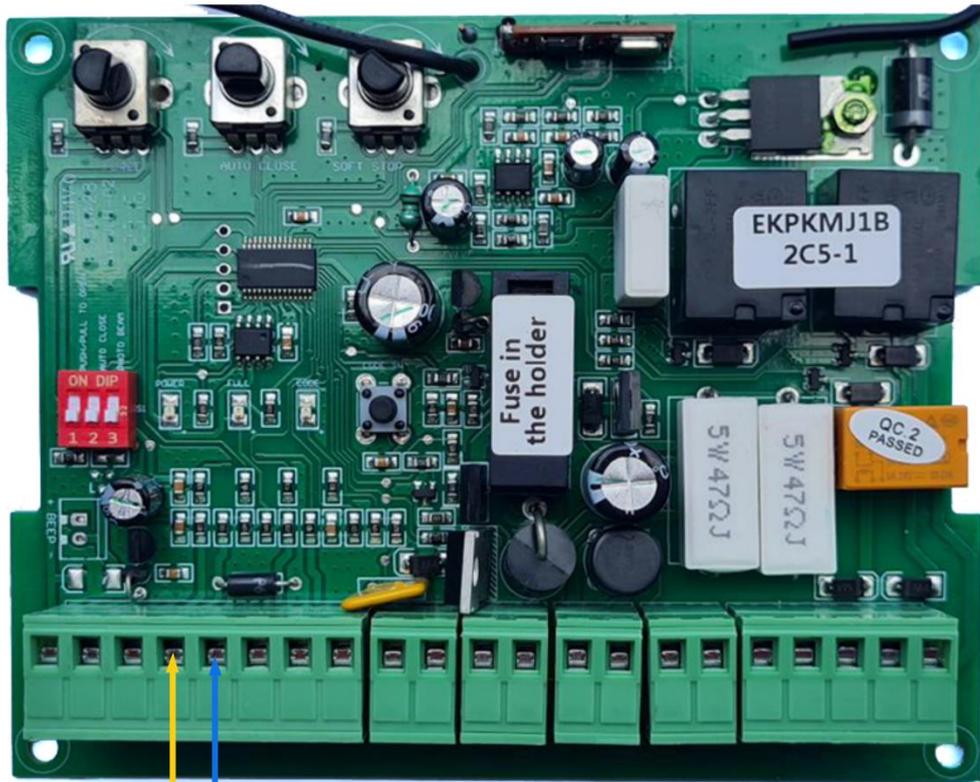
<u>GTR094 Terminal</u>	<u>GTR061/207 Terminal</u>
Terminal 23	Terminal 1 (O/S/C)
Terminal 11	Terminal 4 (COM)
Connect Terminal 24 to Terminal 12 inside the push button.	
** No further settings adjustments needed *	

GTR058 double swing connection



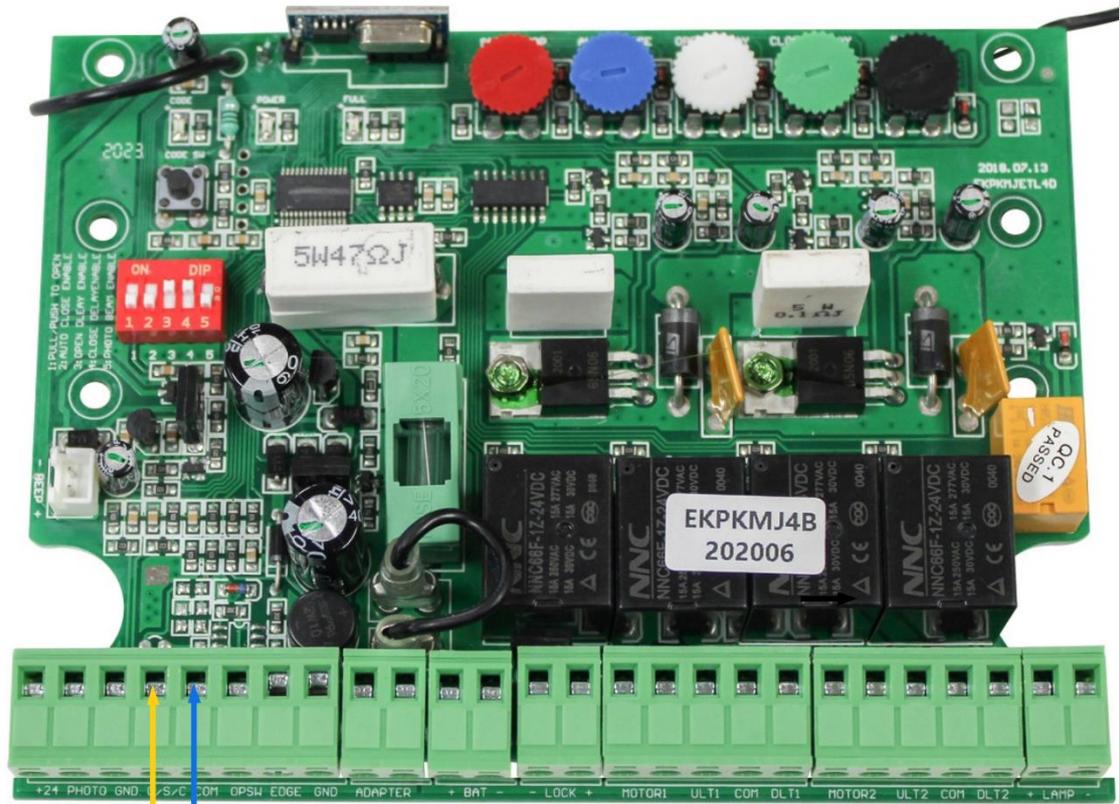
<u>GTR094 Terminal</u>	<u>GTR058 Terminal</u>
Terminal 23	Terminal 19 (O/S/C-1)
Terminal 11	Terminal 20 (O/S/C-2)
Connect Terminal 24 to Terminal 12 inside the push button.	
** No further settings adjustments needed *	

GTR099 single swing connection

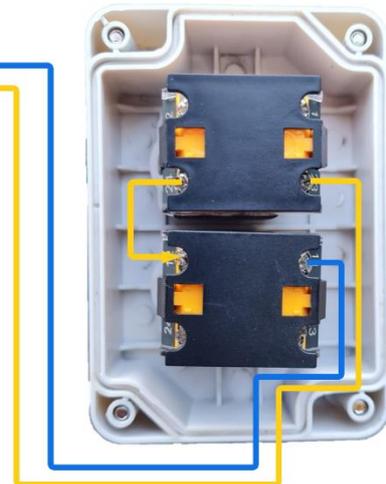


<u>GTR094 Terminal</u>	<u>GTR099 Terminal</u>
Terminal 23	Terminal 4 (O/S/C)
Terminal 11	Terminal 5 (COM)
Connect Terminal 24 to Terminal 12 inside the push button.	
** No further settings adjustments needed *	

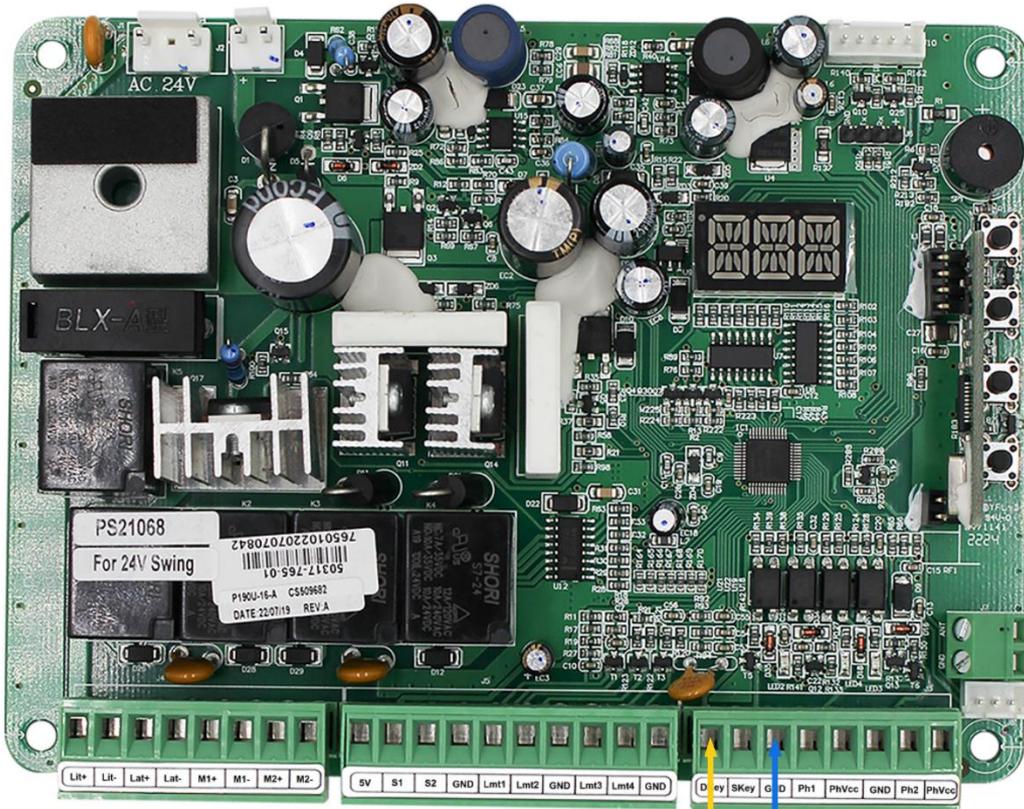
GTR062 or GTR078 solar swing connection



<u>GTR094 Terminal</u>	<u>GTR099 Terminal</u>
Terminal 23	Terminal 4 (O/S/C)
Terminal 11	Terminal 5 (COM)
Connect Terminal 24 to Terminal 12 inside the push button.	
** No further settings adjustments needed *	



GTR500 to GTR503 swing and articulated connection



<u>GTR094 Terminal</u>	<u>GTR500-GTR503 Terminal</u>
Terminal 23	Terminal 19 (DKEY) or Terminal 20 (SKEY)
Terminal 11	Terminal 21 (GND)
Connect Terminal 24 to Terminal 12 inside the push button.	
** No further settings adjustments needed *	
** No further settings adjustments needed * DKEY & SKEY terminals can provide extra functions. Read 'FT' and 'FU' in the installation manual for further detail.	

