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Quick Start Programming Guide

BULL 624SE Sliding Gate Motor

NOTE: This is a quick set up guide only and we highly recommend reading the full instruction manual.

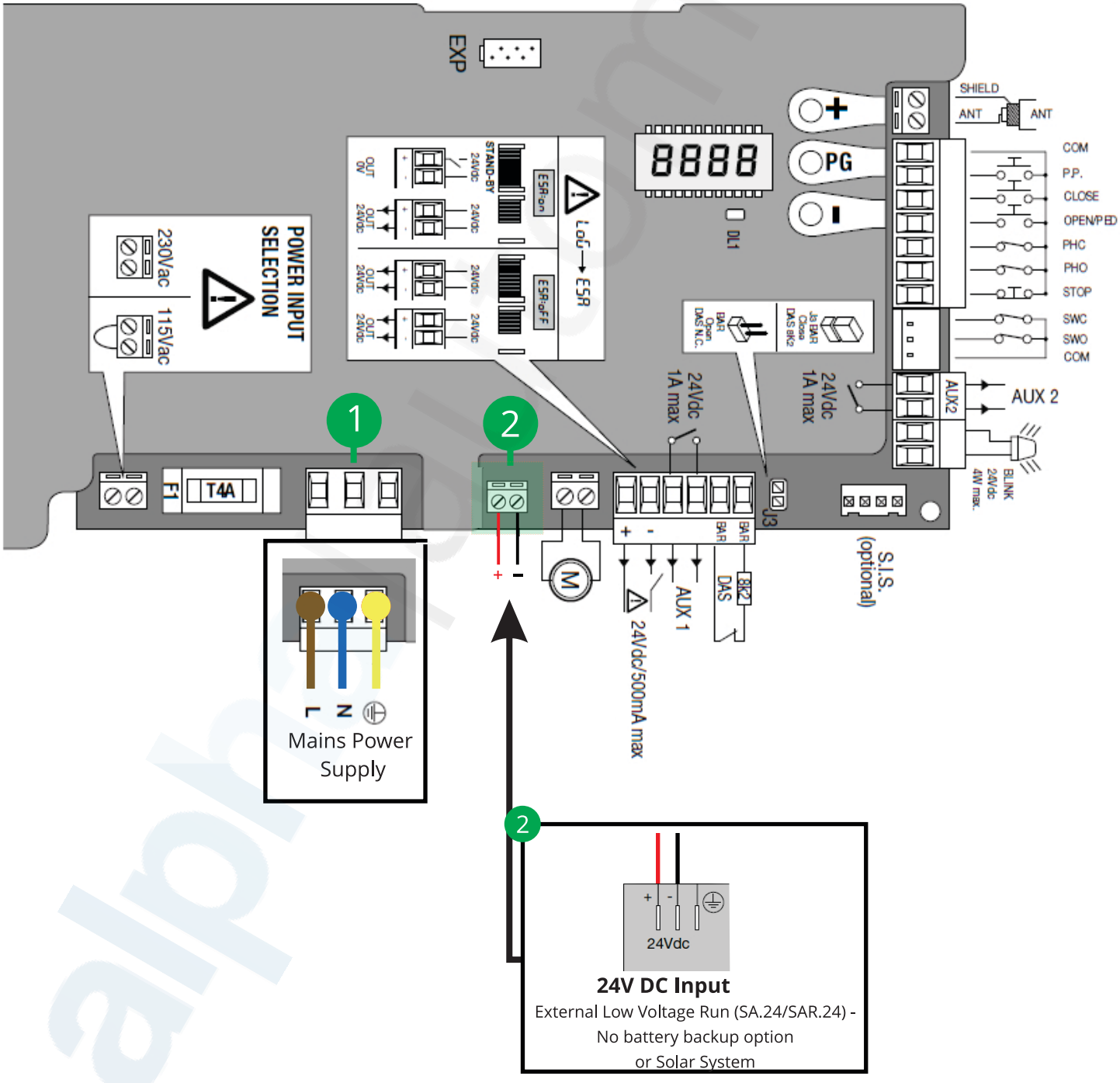
WIRING DIAGRAM

Shown are 2 ways to power the Bull624se Sliding Gate Motor

Figure 1. Mains Power Supply using the L,N & Ground Inputs

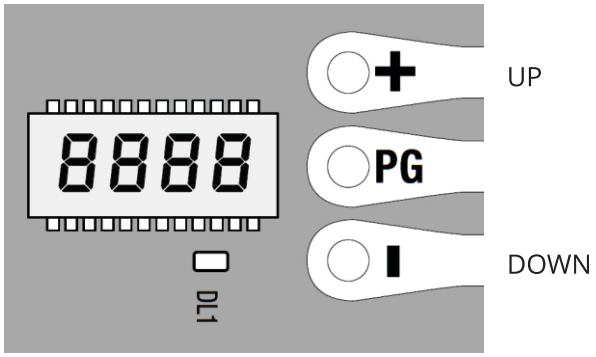
Figure 2. 24V DC Power input using the Battery Input + & - (External Supply)

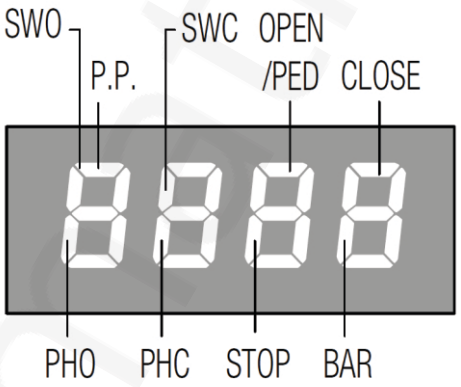
Please refer to the labeled diagrams for wiring configurations.



DIAGNOSTIC

On the Bull624se Control Board, all the commands, errors and status are displayed through segments on the LCD display.
The vertical segments are usually N.C. commands whereas the horizontal segments are N.O. commands.





FIRST STEPS OF PROGRAMMING

Once Power has been given to the Bull624se Sliding Gate Motor we can proceed with the programming. A few settings need to be checked and changed first.

(Automatic Closing Time)

From the factory, the TCA is switched 'ON', which means the gate is going to automatically close after a certain time. *This can be turned on later.*

Below the steps to switch this feature 'OFF'.

- Press the PG button on the control board once, and the display reads PAr
- Scroll down to LOG and press PG.
- The display should read tcA - press PG and you should read ON
- Press the '-' or '+' button to switch the setting OFF and press PG to confirm.
- Exit from the programming by pressing the '-' and '+' button simultaneously 2/3 times.

8.4.2) LOGICS (LoG)		
MENU	**FUNCTION**	**ON-OFF-(Default)**
tcA	Enables or disables automatic closing On: automatic closing enabled Off: automatic closing disabled	(ON)

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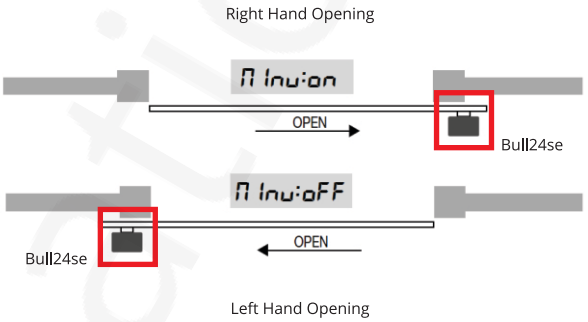
Gate Direction

Left vs Right Opening Direction

(Change Gate Direction)

You will need to set the correct opening direction for the Bull624se. Below is how you can set the Gate Direction.



- Press the PG button on the control board once, and the display reads PAr
- Scroll down to LoG and press PG
- Scroll down until you read Inv and press PG
- The Default setting will be "OFF" - Indicating the setting is currently for **Left Hand Opening**
- Please verify against the image below as to which setting you need for your installation
- To change to Right Hand Opening, press PG, Scroll to ON and press PG

AUTOMATIC LEARN

(Automatic Learn)

The next step is to set the gate into the **HALFWAY POSITION** and run the Automatic Learn command. This function is very important as it determines parameters like the speed of the motor and the slowdown position. *These values can be changed afterwards.*

- Press the PG button on the control board once, and the display reads PAr
- Scroll down until you read Auto and press PG
- The Control Board now awaits confirmation to start the procedure reading Auto, Press PG
- The Control Board will now perform the Automatic Learn Procedure.
- Once the Automatic Learn function is completed, you should read OK on the display and you can exit from the programming by pressing the '-' and '+' button simultaneously 2/3 times.

Remote Control Programming

(How to connect Remotes)

- Press the PG button on the control board once, and the display reads Par
- Scroll down twice to rAd 1 and press PG
- Scroll to find PP then press PG
- The Display should read PUSh, indicating that it is ready for a remote input.
- Press the button that you would like to program in. The display should read OK
- Exit from the programming by pressing the '-' and '+' button simultaneously 2/3 times.

CONFIGURATION

(Configuring Mandatory Parameters)

From the factory, the configuration values are pre-determined and need to be configured according to your installations requirements. These values will vary depending on the structure of the gate and variables such as the location (e.g. slope).

You will need to increase these values. We Recommend you start at **50%** and work upwards to determine the necessary setting for your installation.

Starting with mandatory values that require changes. Follow these steps accordingly.

- Press the PG button on the control board once, and the display read PAr
- Press PG to enter and scroll down until you read P ⊓o and press PG
- Press the '-' or '+' button to change the value to **30%** and press PG to confirm.
- Repeat the above steps to increase the other values to **30%** P ⊓c, PSo & PSc
- Exit from the programming by pressing the '-' and '+' button simultaneously 2/3 times.

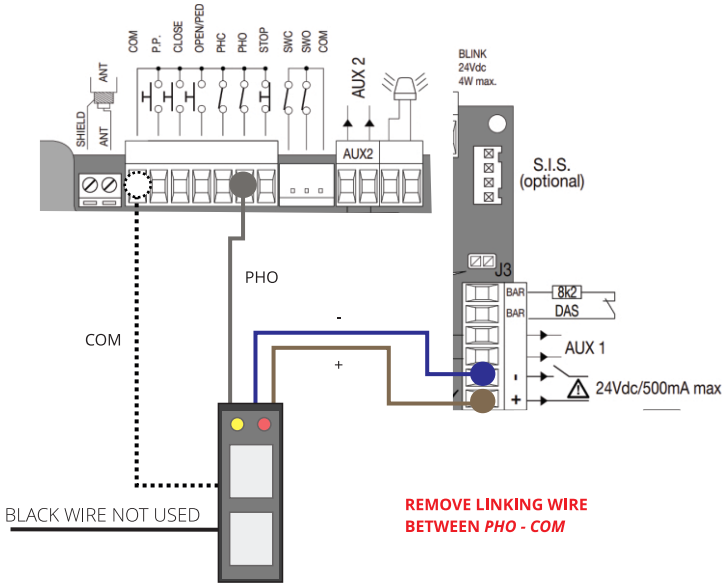
(Configuring Optional Parameters)

If necessary, you can adjust the slow down speed of the gate during the opening and closing phases. These values can be adjusted. We Recommend you start at **50%** and work upwards to determine the necessary setting for your installation.

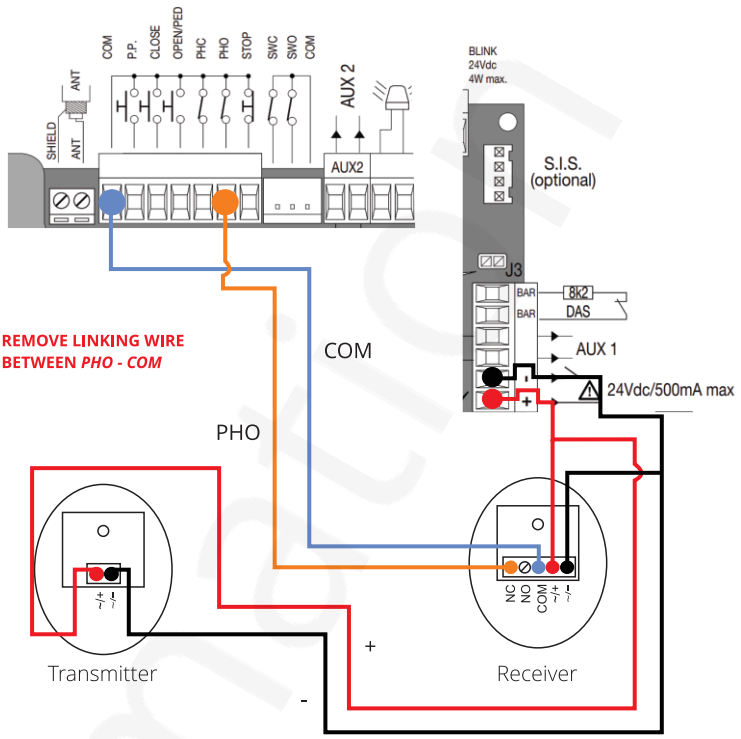
Starting with mandatory values that require changes. Follow these steps accordingly.

- Press the PG button on the control board once, and the display read PAr
- Press PG to enter and scroll down until you read SLdo and press PG
- Press the '-' or '+' button to change the value to **30%** and press PG to confirm.
- Repeat the above steps to increase the other values to **30%** Sldc
- Exit from the programming by pressing the '-' and '+' button simultaneously 2/3 times.

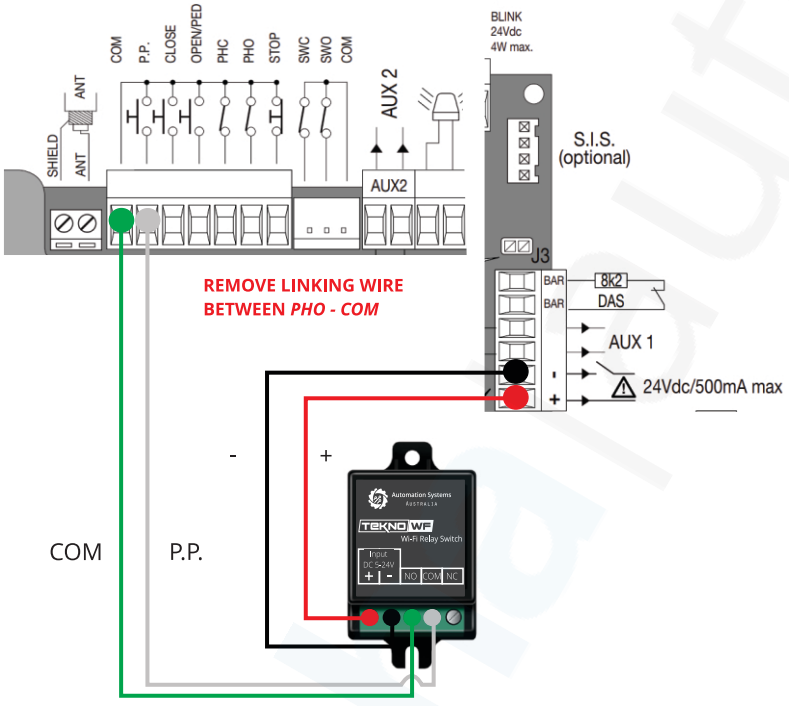
Dukie XR - BULL624se



Dukie X - BULL624se



Tekno WF - BULL624se



Tekno S1 - BULL624se